CFD-W57

SONY

US Model
E Model

SERVICE MANUAL

Ver 1.1 1999. 10

SUPPLEMENT-1

File this supplement with the service manual.

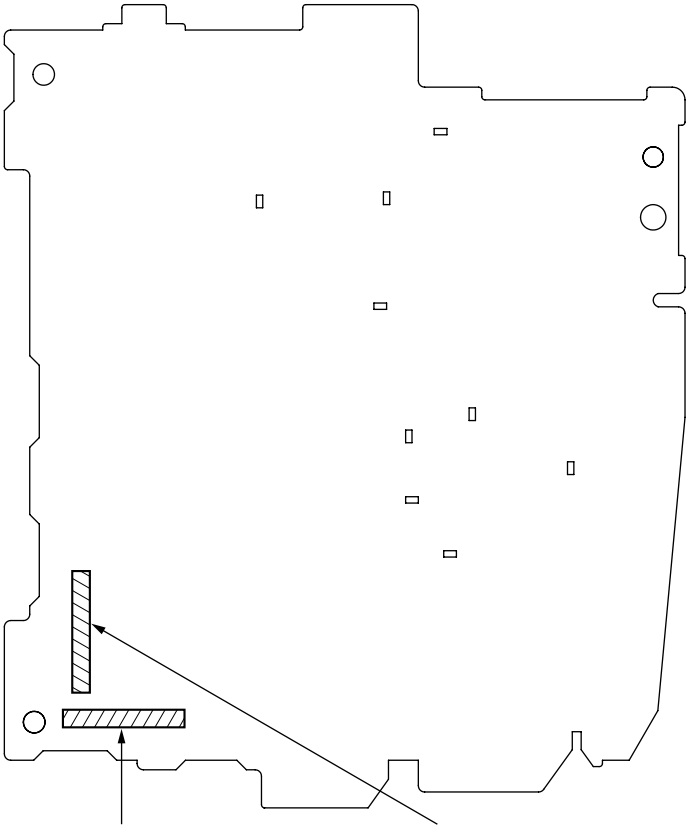
Subject : Change of Boards

(ECN-RCA00409)

Printed wiring board and schematic diagram of new type, and changed parts list are described in this Supplement-1.
Refer to original service manual (9-923-399-11) previously issued for the other information.
When performing service and inspection, check the suffix of the part number of boards.

Refer to the service manual for a board with a suffix number of -14 when reparing a board with a suffix number of -12 or -13 for the following boards:
TUNER, MAIN, LAMP, RECORD/PLAYBACK SWITCH, HEADPHONE and POWER boards.

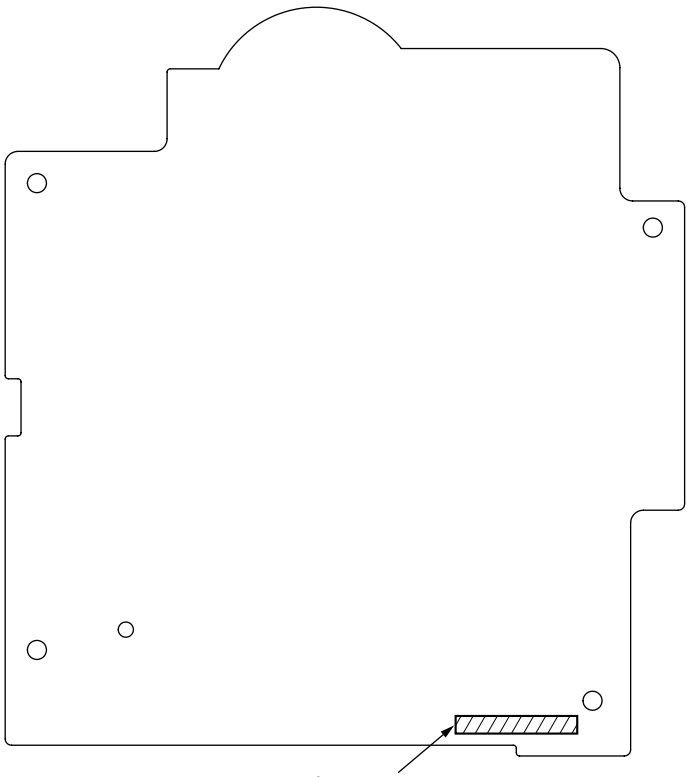
– TUNER BOARD (COMPONENT SIDE) –



TUNER Board Part No.
Former type : 1-669-896-11
New type (E) : 1-669-896-14

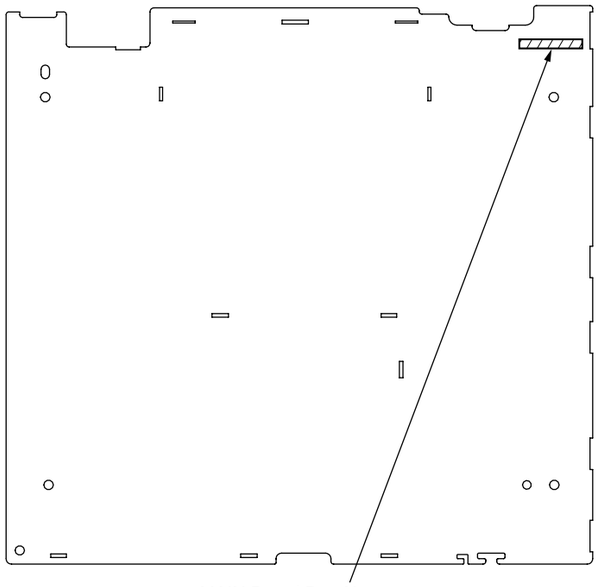
TUNER Board Part No.
Former type : 1-669-896-11
New type (US) : 1-674-113-11

– CD BOARD (COMPONENT SIDE) –



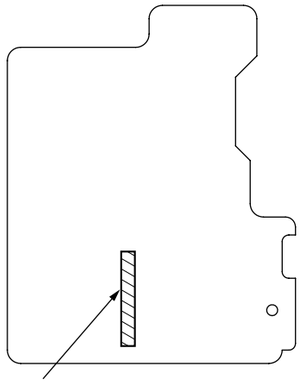
CD Board Part No.
Former type : 1-667-507-11
New type : 1-667-507-12

– MAIN BOARD (COMPONENT SIDE) –



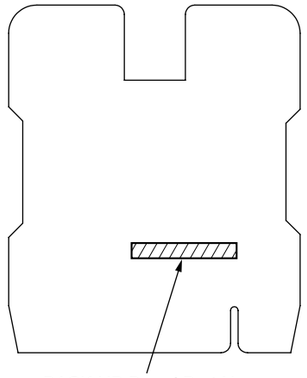
MAIN Board Part No.
Former type : 1-669-895-11
New type (E) : 1-669-895-14
New type (US) : 1-674-112-11

– HEADPHONE BOARD (COMPONENT SIDE) –



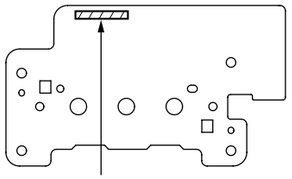
HEADPHONE Board Part No.
Former type : 1-669-900-11
New type (E) : 1-669-900-14
New type (US) : 1-674-117-11

– BACK UP BOARD (COMPONENT SIDE) –



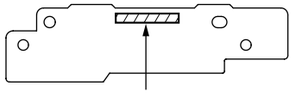
BACK UP Board Part No.
Former type : 1-667-500-11
New type : 1-667-500-12

– LCD BOARD (COMPONENT SIDE) –



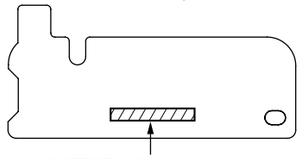
LCD Board Part No.
Former type : 1-667-506-11
New type : 1-667-506-12

– LAMP BOARD (COMPONENT SIDE) –



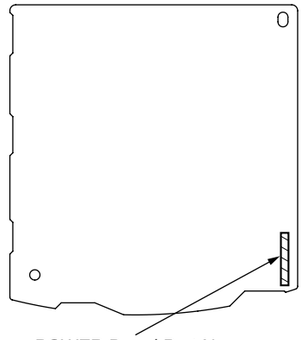
LAMP Board Part No.
Former type : 1-669-901-11
New type (E) : 1-669-901-14
New type (US) : 1-674-118-11

– BATTERY BOARD (COMPONENT SIDE) –



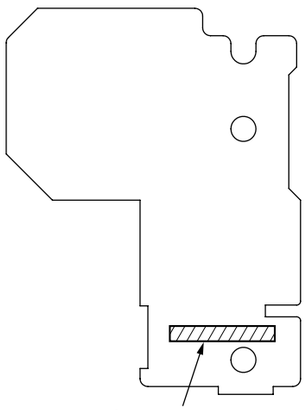
BATTERY Board Part No.
Former type : 1-667-499-11
New type : 1-667-499-12

– POWER BOARD (COMPONENT SIDE) –



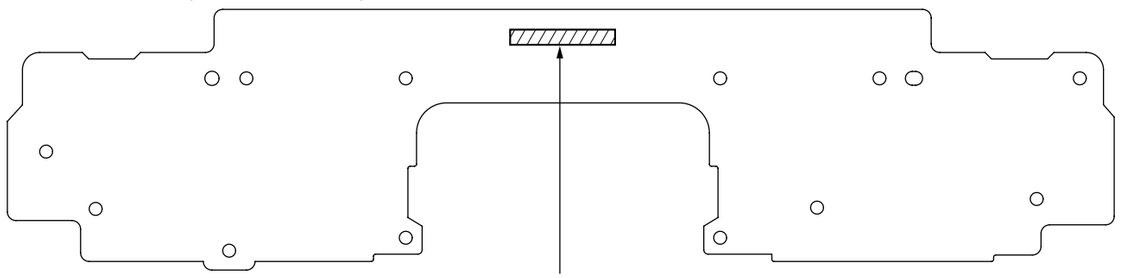
POWER Board Part No.
Former type : 1-669-897-11
New type (E) : 1-669-897-14
New type (US) : 1-674-114-11

– RECORD/PLAYBACK SWITCH BOARD (COMPONENT SIDE) –



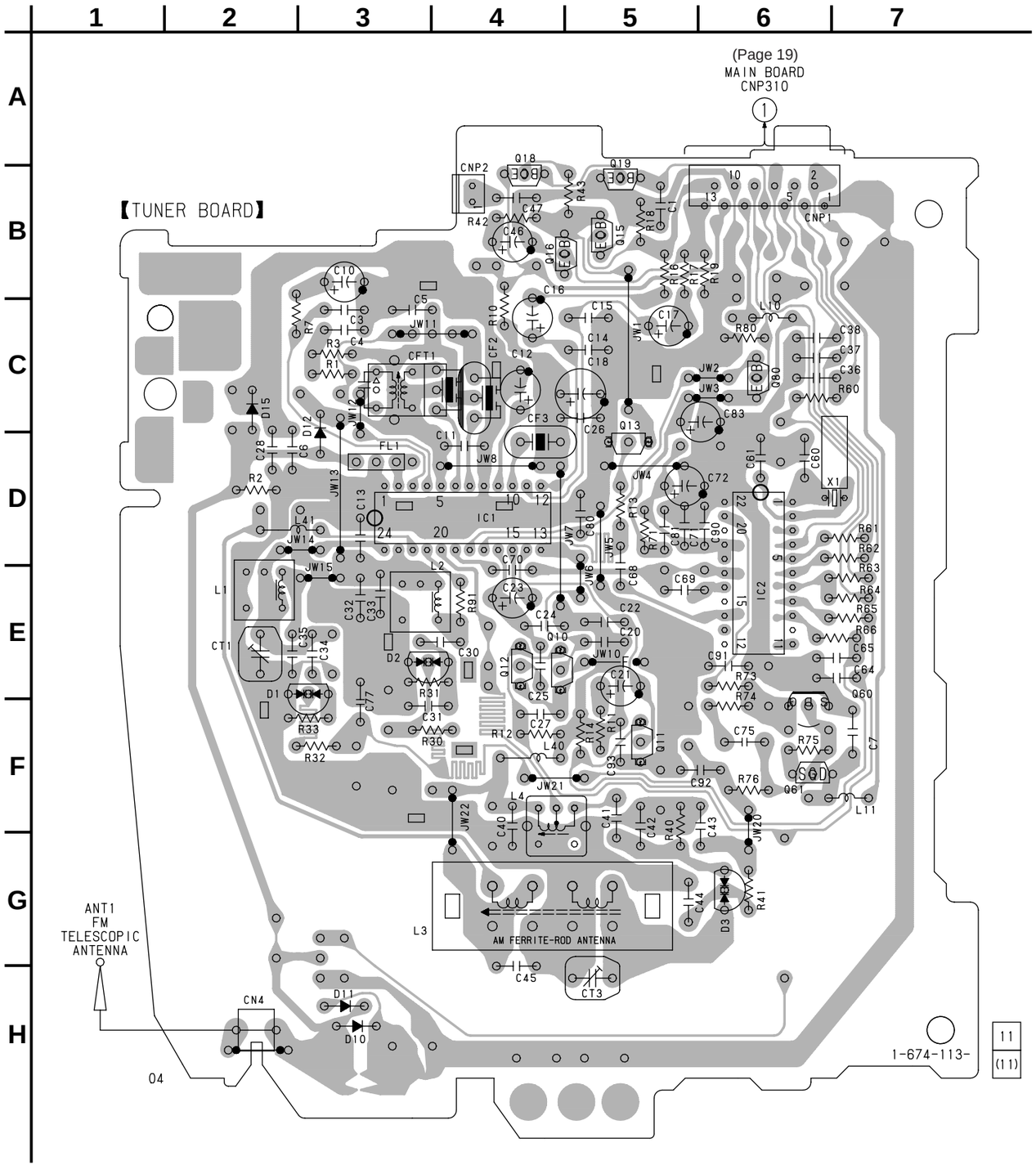
RECORD/PLAYBACK
SWITCH Board Part No.
Former type : 1-669-898-11
New type (E) : 1-669-898-14
New type (US) : 1-674-115-11

– CONTROL BOARD (COMPONENT SIDE) –



CONTROL Board Part No.
Former type : 1-667-504-11
New type : 1-667-504-12

1. PRINTED WIRING BOARD — TUNER SECTION — (US Model)



- **Semiconductor Location**

Ref. No.	Location
D1	E-3
D2	E-3
D3	G-6
D10	H-3
D11	H-3
D12	C-3
D15	C-2
IC1	D-4
IC2	D-6
Q10	E-4
Q11	F-5
Q12	E-4
Q13	D-5
Q15	B-5
Q16	B-4
Q18	A-4
Q19	A-5
Q60	E-6
Q61	F-6
Q80	C-6

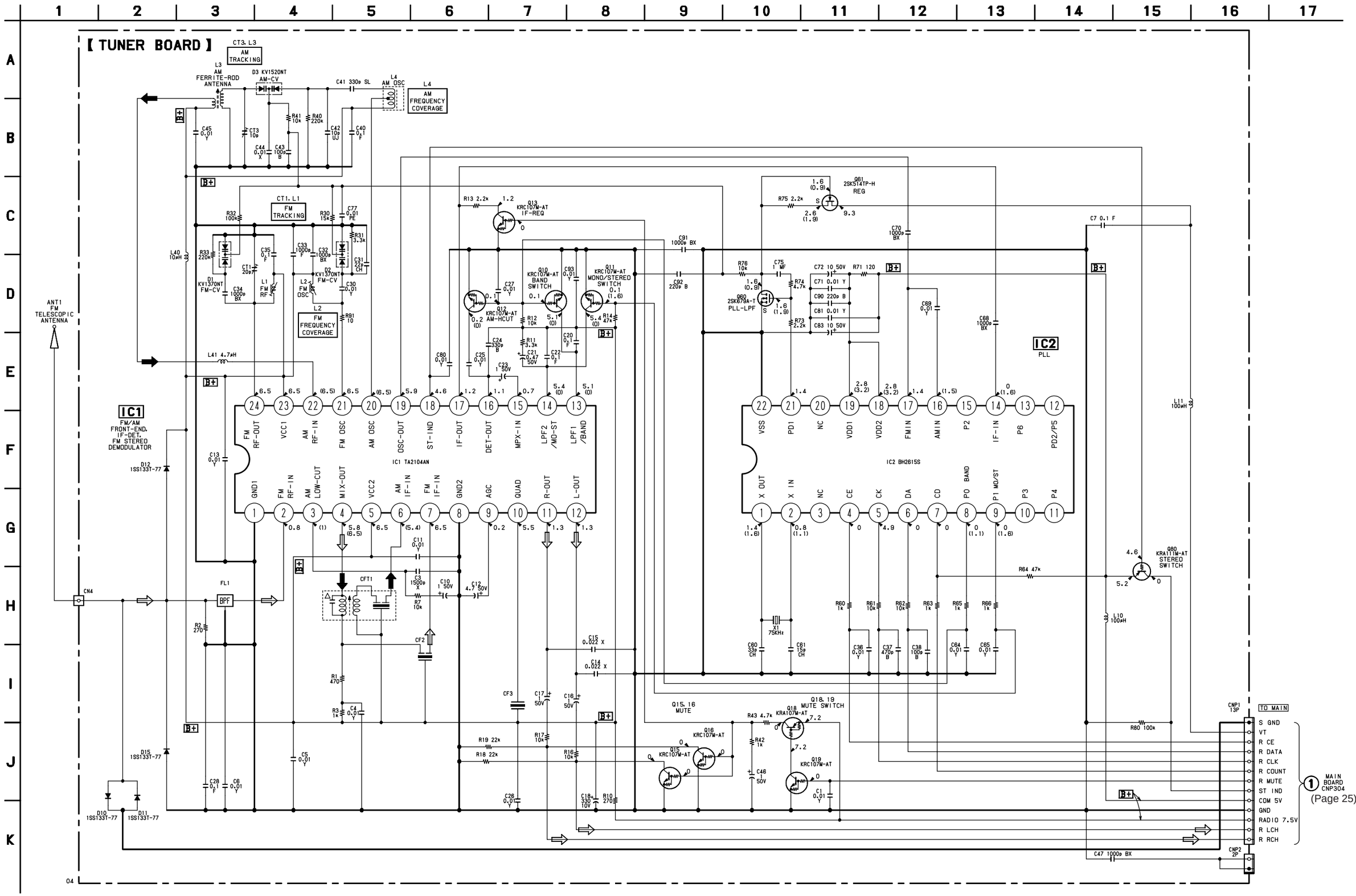
Note on Printed Wiring Boards:

- ○——○ : parts extracted from the component side.
- ⊡ : indicates side identified with part number.
- △ : internal component.
- ▒▒ : Pattern from the side which enables seeing.

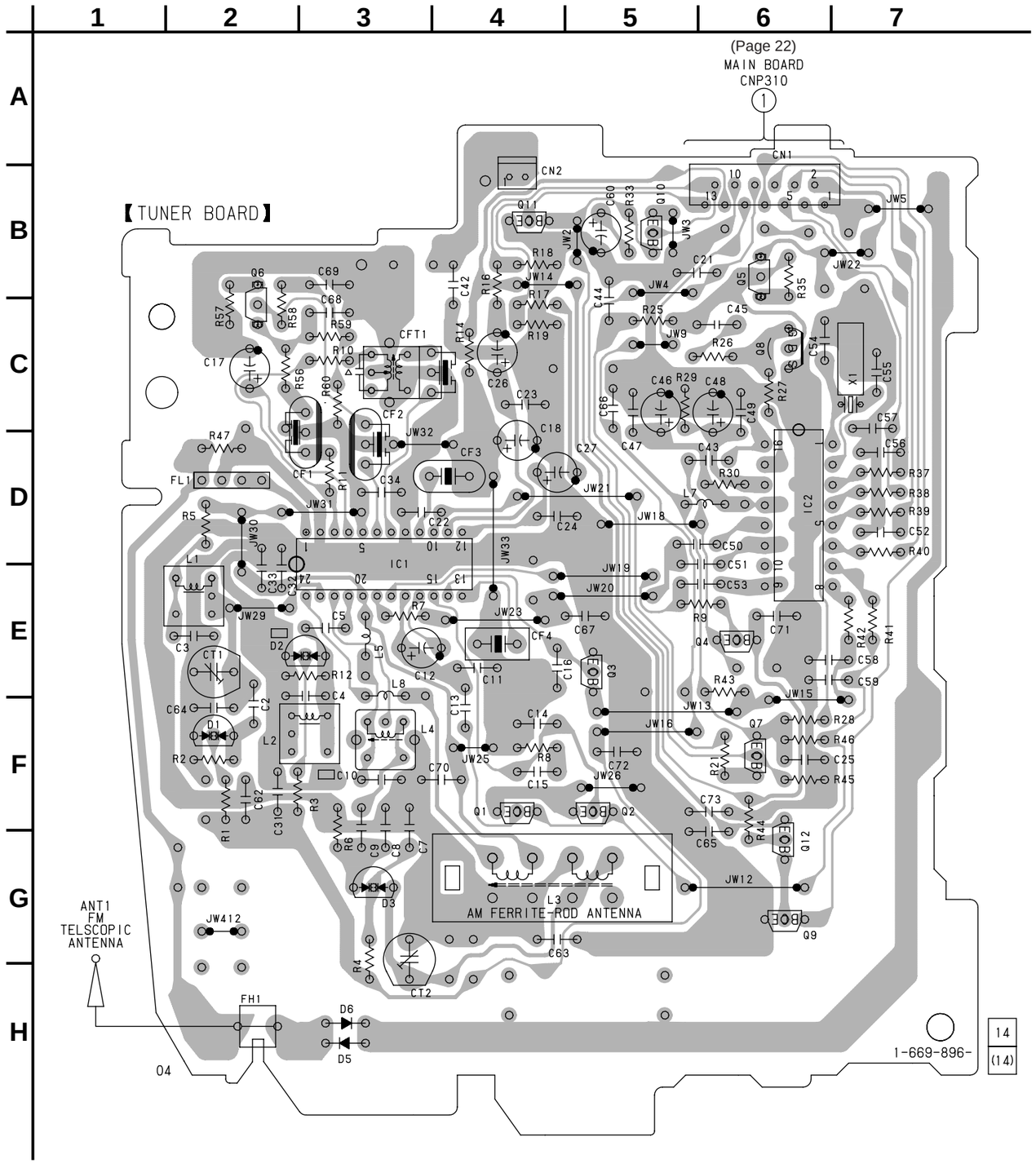
Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- B+ : B+ Line.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : AM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ➡ : AM

2. SCHEMATIC DIAGRAM — TUNER SECTION — (US Model)



3. PRINTED WIRING BOARD — TUNER SECTION — (E Model)



- **Semiconductor Location**

Ref. No.	Location
D1	F-2
D2	E-2
D3	G-3
D5	H-3
D6	H-3
IC1	D-3
IC2	D-6
Q1	F-4
Q2	F-5
Q3	E-5
Q4	E-6
Q5	B-6
Q6	B-2
Q7	F-6
Q8	C-6
Q9	G-6
Q10	B-5
Q11	B-4
Q12	G-6

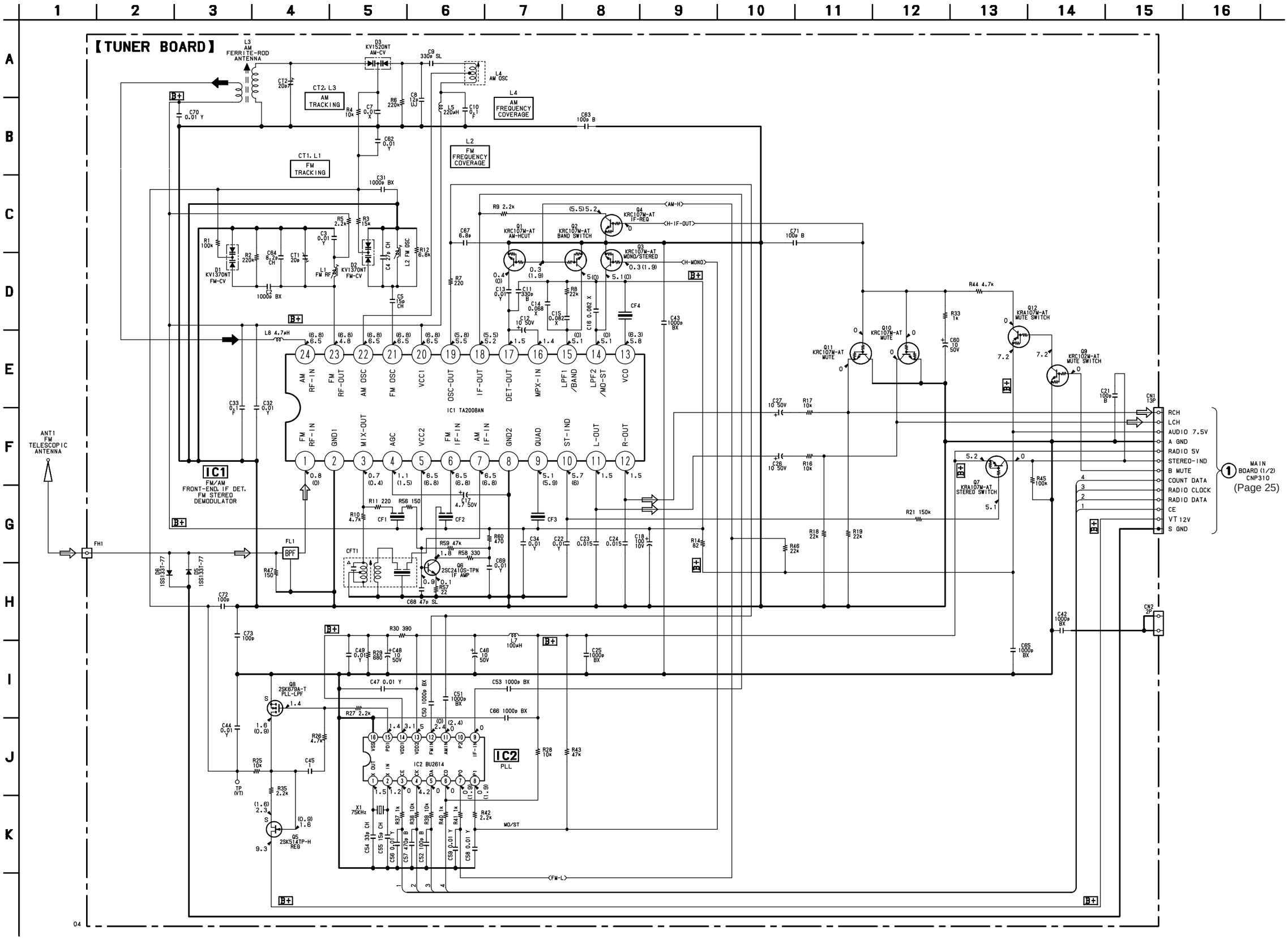
Note on Printed Wiring Boards:

- ○——○ : parts extracted from the component side.
- ⊡ : indicates side identified with part number.
- △ : internal component.
- ▒▒ : Pattern from the side which enables seeing.

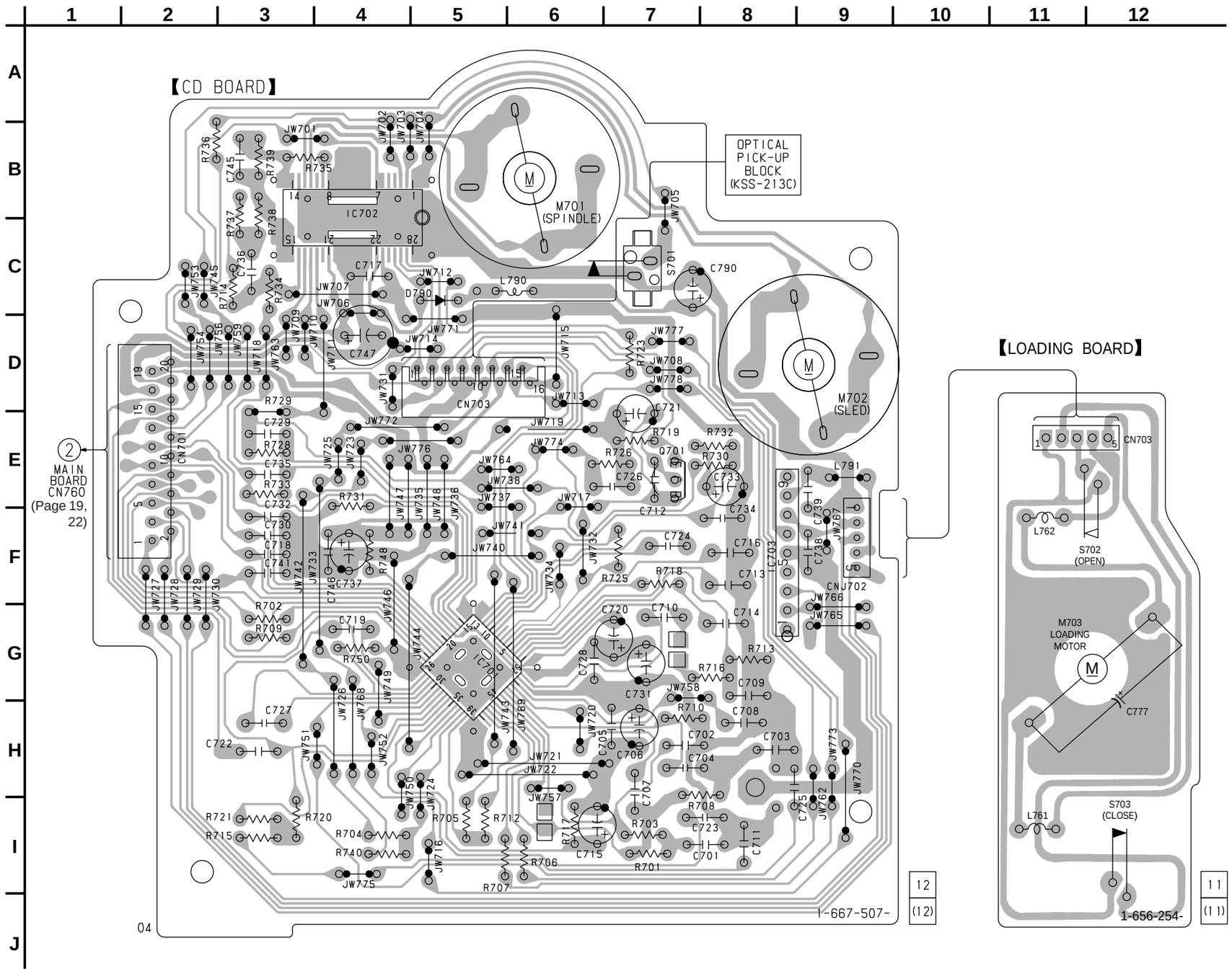
Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- B+ : B+ Line.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : AM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ➡ : AM

4. SCHEMATIC DIAGRAM — TUNER SECTION — (E Model)



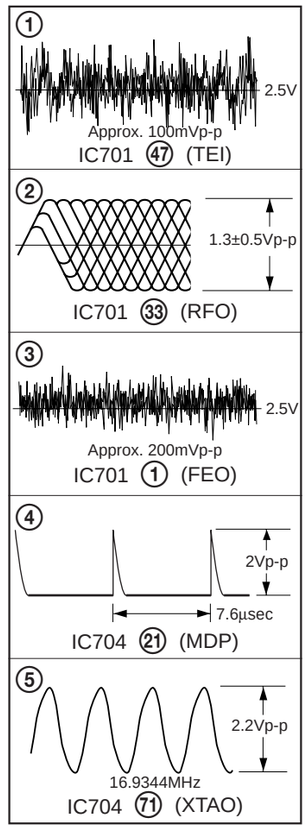
5. PRINTED WIRING BOARD — CD SECTION —



• **Semiconductor Location**

Ref. No.	Location
D790	C-5
IC701	G-5
IC702	B-4
IC703	F-8
Q701	E-7

• **Waveforms** (MODE:PLAY)



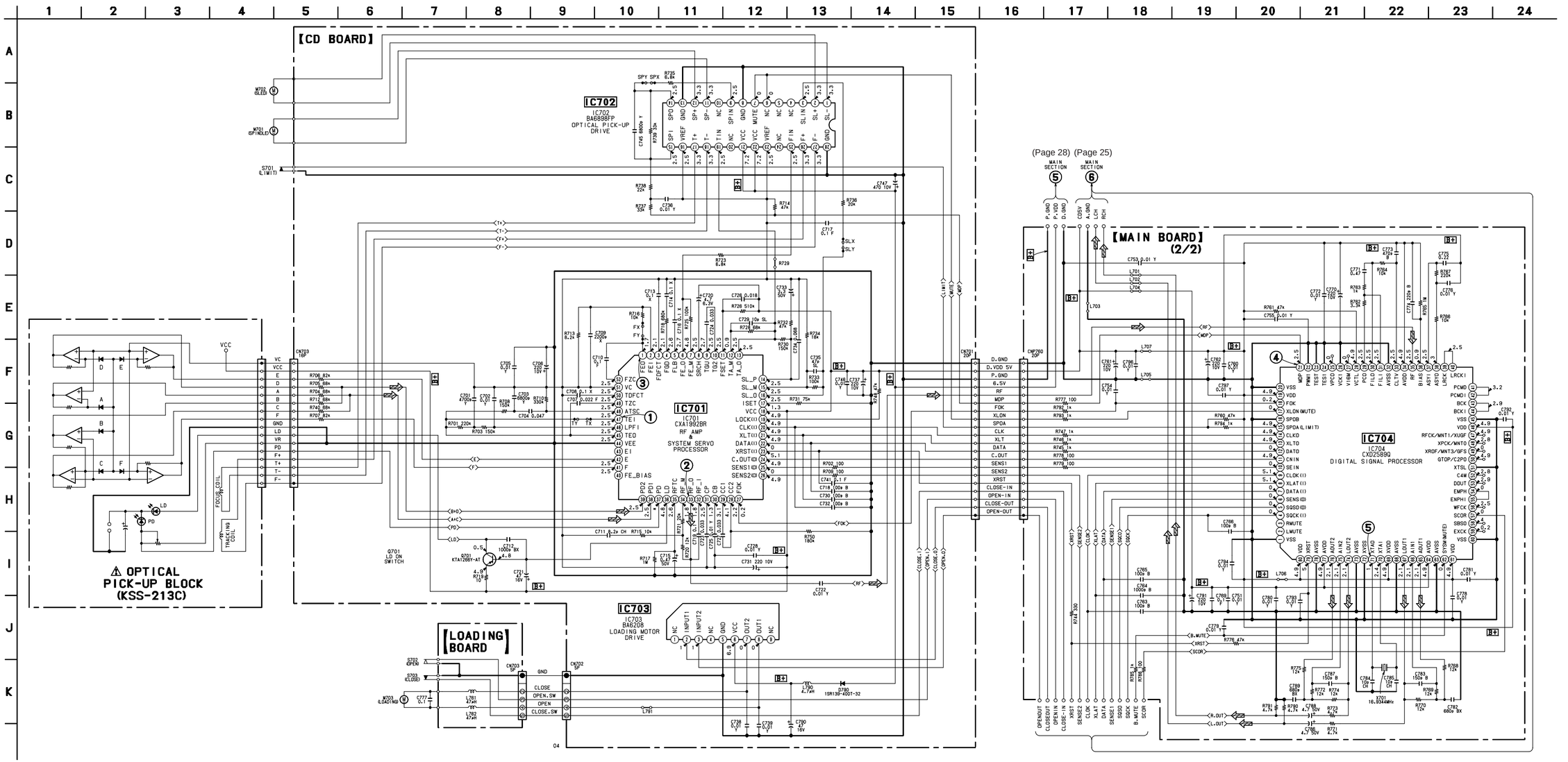
Note on Printed Wiring Boards:
- ○——— : parts extracted from the component side.
- ▒▒▒ : Pattern from the side which enables seeing.

Note on Schematic Diagram:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.

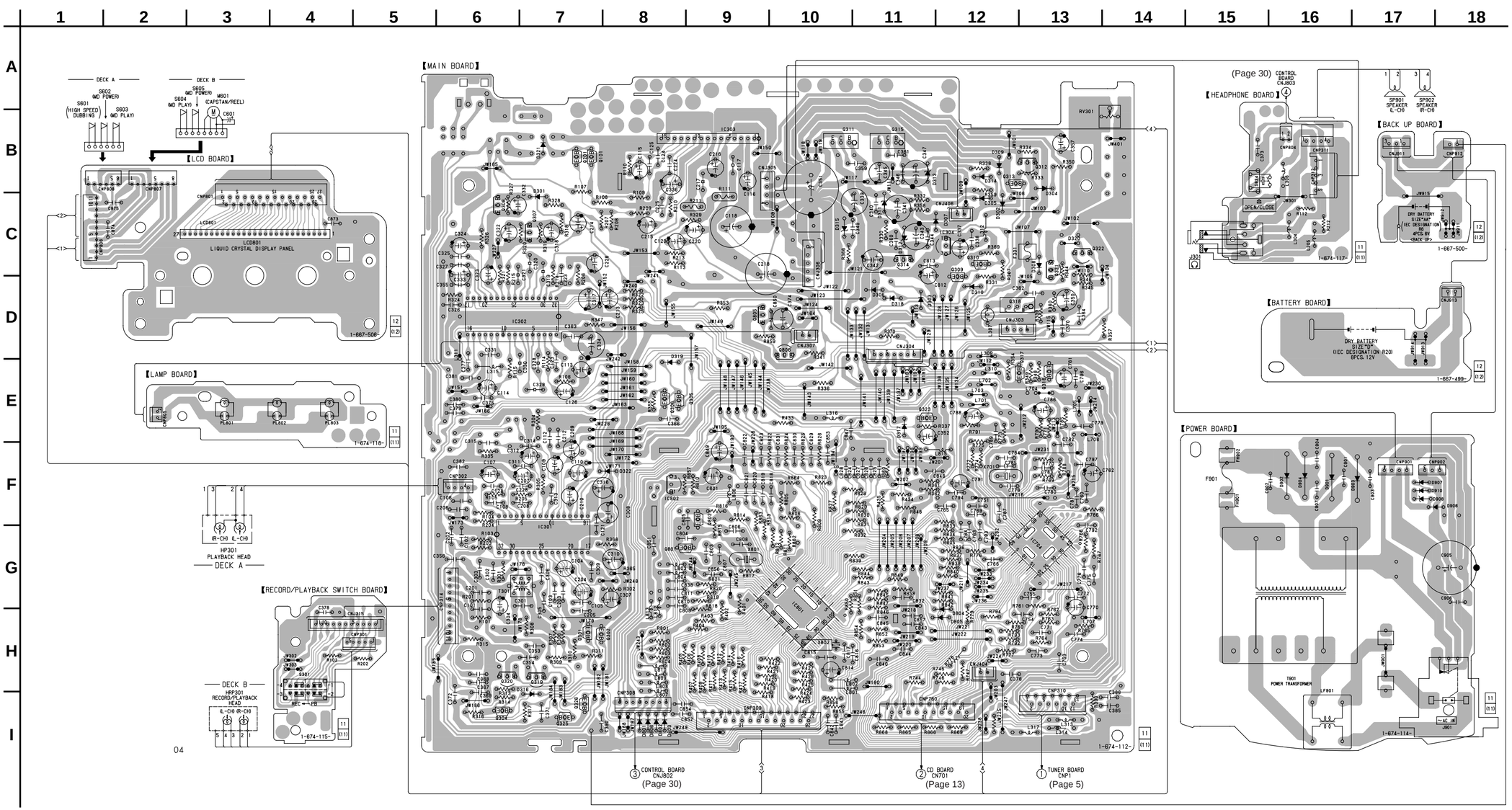
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : CD STOP
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : CD

6. SCHEMATIC DIAGRAM — CD SECTION —



7. PRINTED WIRING BOARDS — MAIN SECTION — (US Model)



• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D301	B-7	IC302	D-6
D302	C-12	IC303	B-9
D303	D-11	IC304	C-12
D304	B-13	IC704	G-13
D305	C-12	IC801	H-10
D306	D-11	IC802	F-8
D307	C-11		
D308	C-13	Q101	B-7
D309	B-12	Q201	B-7
D310	D-12	Q301	H-7
D311	C-11	Q302	H-8
D312	C-11	Q304	I-6
D313	B-11	Q305	E-8
D314	B-12	Q306	E-8
D315	C-10	Q307	C-7
D316	I-7	Q308	C-6
D317	E-11	Q309	C-12
D318	D-11	Q310	C-12
D319	D-8	Q311	B-10
D321	B-7	Q312	B-13
D322	F-8	Q313	B-13
D801	I-8	Q314	C-11
D802	I-8	Q315	B-11
D803	I-8	Q316	D-13
D804	H-12	Q317	D-13
D805	H-12	Q318	D-13
D806	I-8	Q319	H-7
D901	F-16	Q320	H-6
D902	F-16	Q321	C-13
D903	F-17	Q322	C-13
D904	F-16	Q323	E-12
D906	F-18	Q325	I-7
D907	F-18	Q326	I-7
D908	F-18	Q801	G-8
D910	F-18	Q802	F-9
		Q805	D-9
IC301	G-7	Q806	D-10

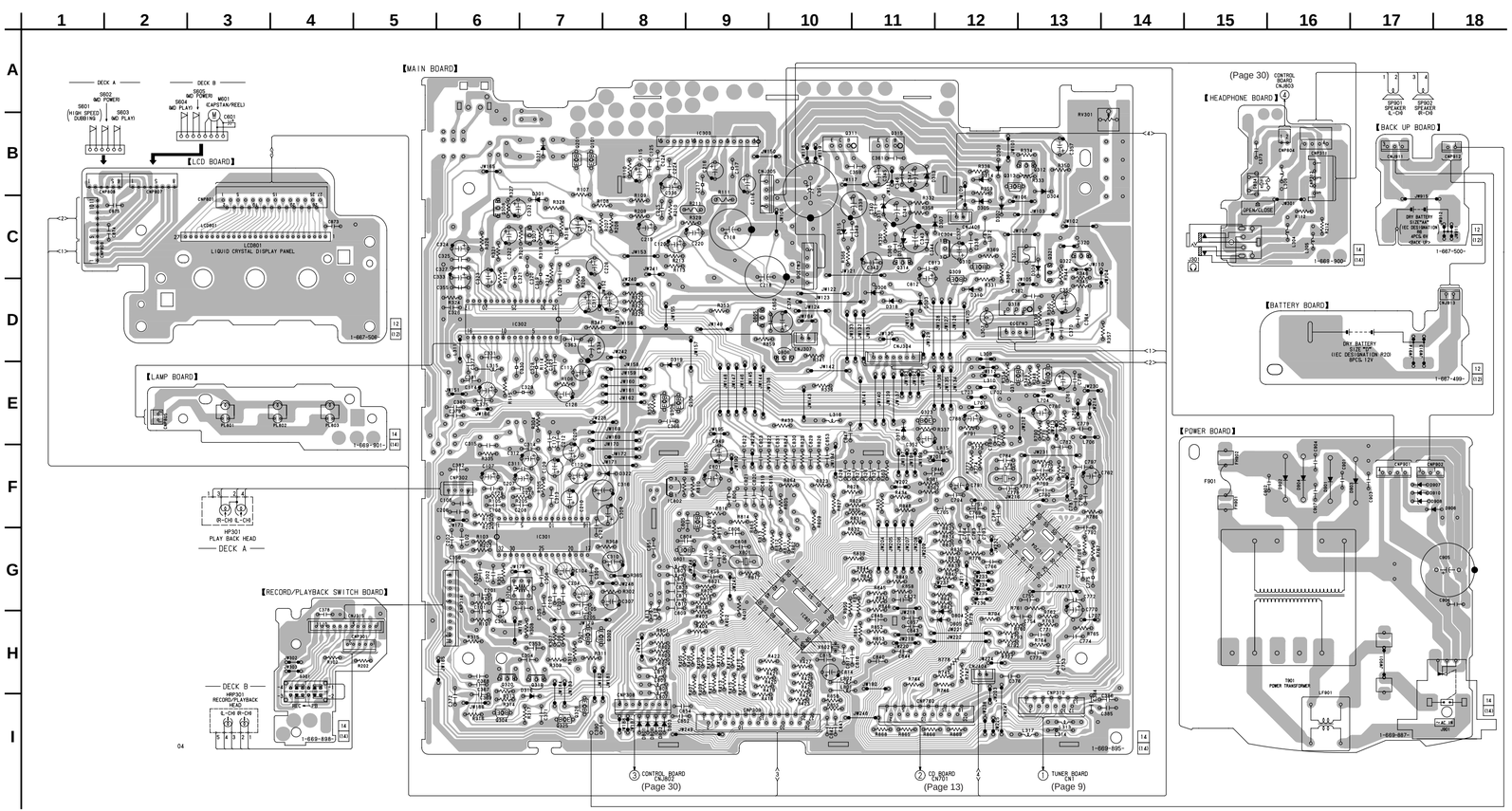
Note on Printed Wiring Boards:
- ○——— : parts extracted from the component side.
- ▒▒▒ : Pattern from the side which enables seeing.

Note on Schematic Diagram:
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ⏦ : fusible resistor.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : PB
  < > : REC
  [ ] : CD
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇨ : PB (DECK A)
  ⇨ : PB (DECK B)
  ⇨ : REC (DECK B)
  ⇨ : CD
- Abbreviation
  SP : Singapore model.

8. PRINTED WIRING BOARDS — MAIN SECTION — (E Model)



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D301	B-7	IC302	D-6
D302	C-12	IC303	B-9
D303	D-11	IC304	C-12
D304	B-13	IC704	G-13
D305	C-12	IC801	H-10
D306	D-11	IC802	F-8
D307	C-11		
D308	C-13	Q101	B-7
D309	B-12	Q201	B-7
D310	D-12	Q301	H-7
D311	C-11	Q302	H-8
D312	C-11	Q304	I-6
D313	B-11	Q305	E-8
D314	B-12	Q306	E-8
D315	C-10	Q307	C-7
D316	I-7	Q308	C-6
D317	E-11	Q309	C-12
D318	D-11	Q310	C-12
D319	D-8	Q311	B-10
D321	B-7	Q312	B-13
D322	F-8	Q313	B-13
D801	I-8	Q314	C-11
D802	I-8	Q315	B-11
D803	I-8	Q316	D-13
D804	H-12	Q317	D-13
D805	H-12	Q318	D-13
D806	I-8	Q319	H-7
D901	F-16	Q320	H-6
D902	F-16	Q321	C-13
D903	F-17	Q322	C-13
D904	F-16	Q323	E-12
D906	F-18	Q325	I-7
D907	F-18	Q326	I-7
D908	F-18	Q801	G-8
D910	F-18	Q802	F-9
		Q805	D-9
IC301	G-7	Q806	D-10

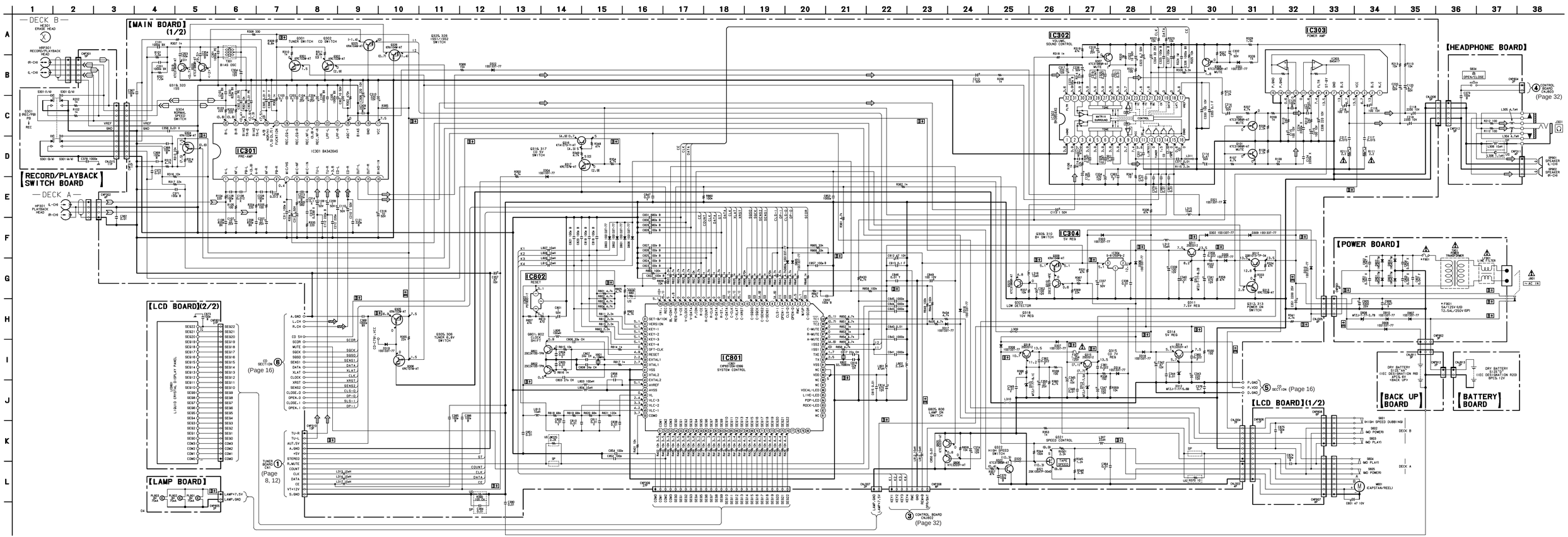
Note on Printed Wiring Boards:
- ○——○ : parts extracted from the component side.
- ▨ : Pattern from the side which enables seeing.

Note on Schematic Diagram:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ⌇⌇ : fusible resistor.
- ▭ : panel designation.

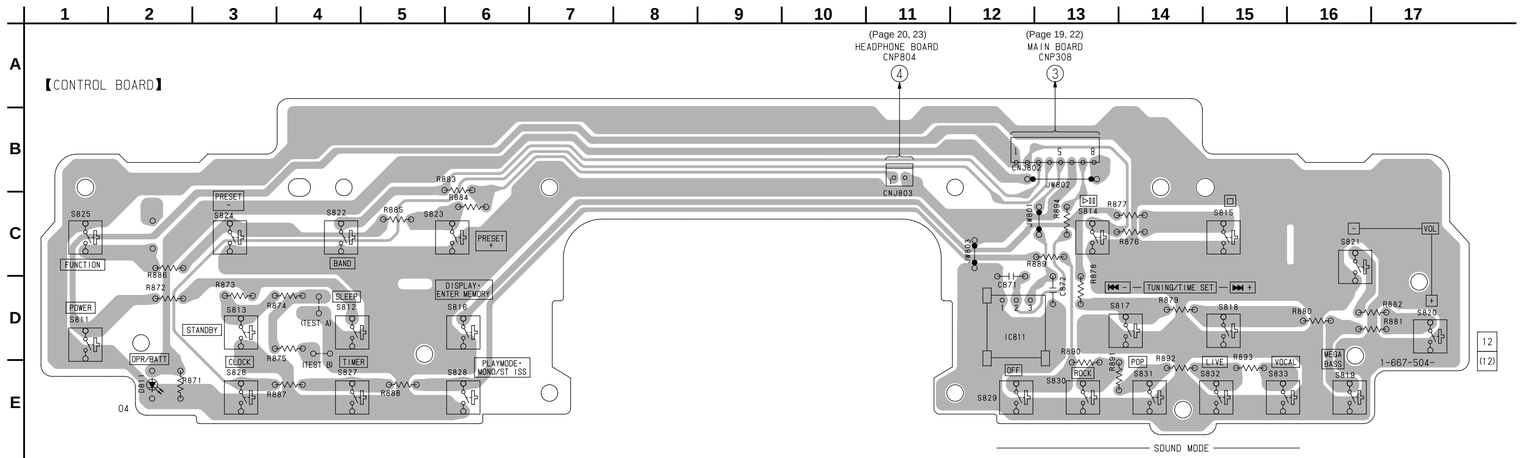
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : PB
  < > : REC
  [ ] : CD
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇨ : PB (DECK A)
  ⇨ : PB (DECK B)
  ⇨ : REC (DECK B)
  ⇨ : CD
- Abbreviation
  SP : Singapore model.

9. SCHEMATIC DIAGRAM — MAIN SECTION —



10. PRINTED WIRING BOARD — PANEL SECTION —

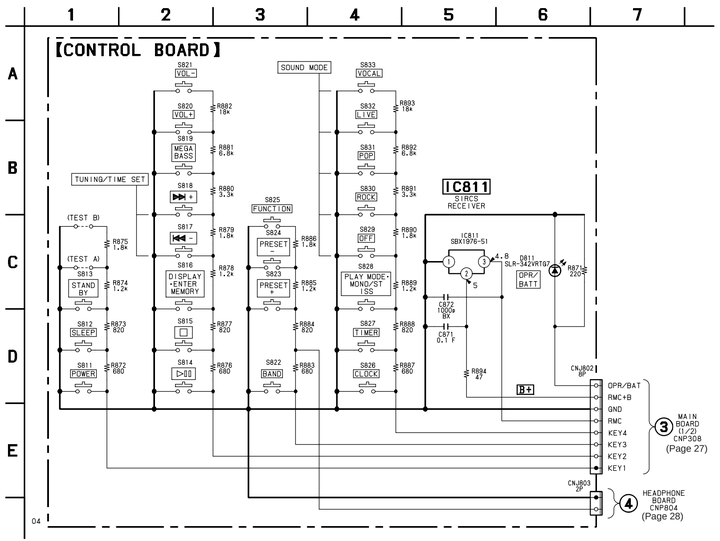


• Semiconductor Location

Ref. No.	Location
D811	E-2
IC811	D-12

Note:
- ○—— : parts extracted from the component side.
- ▒▒▒ : Pattern from the side which enables seeing.

11. SCHEMATIC DIAGRAM — PANEL SECTION —



Note:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- [ ] : panel designation.
- B+ : B+ Line.
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.

12. ELECTRICAL PARTS LIST

BACK UP | BATTERY | CD

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : μ, for example:
  uA.. : μA.. uPA.. : μPA..
  uPB.. : μPB.. uPC.. : μPC.. uPD.. : μPD..
- CAPACITORS
  uF : μF
- COILS
  uH : μH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	1-667-500-11	BACK UP BOARD			
		**********			
	3-025-890-01	SPRING, BACK UP (–)			
		< CONNECTOR >			
* CNP912	1-564-505-11	PLUG, CONNECTOR 2P			
**********					
*	1-667-499-11	BATTERY BOARD			
		**********			
	3-025-889-01	SPRING (–) (L), BATTERY			
**********					
*	A-3222-241-A	CD BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C701	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C702	1-162-306-11	CERAMIC	0.01uF	20%	16V
C703	1-162-305-11	CERAMIC	0.0068uF	30%	16V
C704	1-136-161-00	MYLAR	0.047uF	5%	50V
C705	1-162-306-11	CERAMIC	0.01uF	20%	16V
C706	1-126-934-11	ELECT	220uF	20%	10V
C707	1-136-157-00	MYLAR	0.022uF	5%	50V
C708	1-162-851-11	CERAMIC	0.1uF	10%	16V
C709	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C710	1-162-851-11	CERAMIC	0.1uF	10%	16V
C711	1-162-198-31	CERAMIC	8.2PF	10%	50V
C712	1-162-294-31	CERAMIC	0.001uF	10%	50V
C713	1-162-851-11	CERAMIC	0.1uF	10%	16V
C714	1-162-851-11	CERAMIC	0.1uF	10%	16V
C715	1-124-465-00	ELECT	0.47uF	20%	50V
C716	1-136-165-00	MYLAR	0.1uF	5%	50V
C717	1-164-159-21	CERAMIC	0.1uF		50V
C718	1-162-282-31	CERAMIC	100PF	10%	50V
C719	1-136-165-00	MYLAR	0.1uF	5%	50V
C720	1-131-375-00	TANTALUM	4.7uF	10%	10V
C721	1-124-589-11	ELECT	47uF	20%	16V
C722	1-162-306-11	CERAMIC	0.01uF	20%	16V
C723	1-136-159-00	MYLAR	0.033uF	5%	50V
C724	1-136-159-00	MYLAR	0.033uF	5%	50V
C725	1-162-306-11	CERAMIC	0.01uF	20%	16V
C726	1-136-156-00	MYLAR	0.018uF	5%	50V
C727	1-130-489-00	MYLAR	0.033uF	5%	50V
C728	1-162-306-11	CERAMIC	0.01uF	20%	16V
C729	1-162-199-31	CERAMIC	10PF	5%	50V
C730	1-162-282-31	CERAMIC	100PF	10%	50V
C731	1-126-934-11	ELECT	220uF	20%	10V
C732	1-162-282-31	CERAMIC	100PF	10%	50V
C733	1-126-162-11	ELECT	3.3uF	20%	50V
C734	1-136-495-11	MYLAR	0.068uF	5%	50V
C735	1-162-215-31	CERAMIC	47PF	5%	50V
C736	1-162-306-11	CERAMIC	0.01uF	20%	16V
C737	1-126-934-11	ELECT	220uF	20%	10V
C738	1-162-306-11	CERAMIC	0.01uF	20%	16V
C739	1-162-306-11	CERAMIC	0.01uF	20%	16V
C741	1-164-159-21	CERAMIC	0.1uF		50V
C745	1-162-305-11	CERAMIC	0.0068uF	30%	16V
C746	1-162-306-11	CERAMIC	0.01uF	20%	16V
C747	1-124-472-11	ELECT	470uF	20%	10V
C790	1-124-589-11	ELECT	47uF	20%	16V
		< CONNECTOR >			
CN701	1-691-079-31	HOUSING, CONNECTOR 20P			
CN703	1-779-553-11	CONNECTOR, FFC (LIF(NON-ZIF)) 16P			
		< DIODE >			
D790	8-719-970-02	DIODE 1SR139-400T-32			
		< IC >			
IC701	8-752-082-14	IC CXA1992BR			
IC702	8-759-473-42	IC BA6898FP			
IC703	8-759-962-08	IC BA6208			
		< COIL >			
L790	1-410-324-11	INDUCTOR 4.7uH			
		< TRANSISTOR >			
Q701	8-729-037-02	TRANSISTOR KTA1266Y-AT			
		< RESISTOR >			
R701	1-247-887-00	CARBON	220K	5%	1/4W
R702	1-247-807-11	CARBON	100	5%	1/4W
R703	1-247-883-00	CARBON	150K	5%	1/4W
R704	1-249-439-11	CARBON	68K	5%	1/4W
R705	1-249-439-11	CARBON	68K	5%	1/4W
R706	1-249-440-11	CARBON	82K	5%	1/4W

CD | CD BRACKET | CONTROL

Ref. No.	Part No.	Description			Remark
R707	1-249-440-11	CARBON	82K	5%	1/4W
R708	1-247-883-00	CARBON	150K	5%	1/4W
R709	1-247-807-11	CARBON	100	5%	1/4W
R710	1-247-891-00	CARBON	330K	5%	1/4W
R712	1-249-439-11	CARBON	68K	5%	1/4W
R713	1-249-428-11	CARBON	8.2K	5%	1/4W
R714	1-249-437-11	CARBON	47K	5%	1/4W
R715	1-249-429-11	CARBON	10K	5%	1/4W
R716	1-249-429-11	CARBON	10K	5%	1/4W
R717	1-247-903-00	CARBON	1M	5%	1/4W
R718	1-247-899-11	CARBON	680K	5%	1/4W
R719	1-249-393-11	CARBON	10	5%	1/4W
R720	1-249-430-11	CARBON	12K	5%	1/4W
R721	1-247-862-11	CARBON	20K	5%	1/4W
R723	1-249-427-11	CARBON	6.8K	5%	1/4W
R725	1-249-441-11	CARBON	100K	5%	1/4W
R726	1-247-896-11	CARBON	510K	5%	1/4W
R728	1-249-439-11	CARBON	68K	5%	1/4W
R730	1-247-883-00	CARBON	150K	5%	1/4W
R731	1-247-876-11	CARBON	75K	5%	1/4W
R732	1-249-437-11	CARBON	47K	5%	1/4W
R733	1-249-441-11	CARBON	100K	5%	1/4W
R734	1-249-432-11	CARBON	18K	5%	1/4W
R735	1-249-427-11	CARBON	6.8K	5%	1/4W
R736	1-247-862-11	CARBON	20K	5%	1/4W
R737	1-249-435-11	CARBON	33K	5%	1/4W
R738	1-247-863-11	CARBON	22K	5%	1/4W
R739	1-249-435-11	CARBON	33K	5%	1/4W
R740	1-249-439-11	CARBON	68K	5%	1/4W
R748	1-249-437-11	CARBON	47K	5%	1/4W
R750	1-247-885-00	CARBON	180K	5%	1/4W
		< SWITCH >			
S701	1-762-812-11	SWITCH, LEAF (LIMIT)			
**********					
*	1-669-899-11	CD BRACKET BOARD (E)			
*	1-674-116-11	CD BRACKET BOARD (US)			
		**********			
**********					
*	A-3322-237-A	CONTROL BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C871	1-164-159-21	CERAMIC	0.1uF		50V
C872	1-162-294-31	CERAMIC	0.001uF	10%	50V
		< DIODE >			
D811	8-719-048-90	LED SLR-342VRTG7 (OPR/BATT)			
		< IC >			
IC811	8-742-132-00	HYBRID IC SBX1976-51P			

CONTROL | HEADPHONE | H/P RETAINER | LAMP | LCD | LOADING | MAIN

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R871	1-247-815-11	CARBON	220	5%	1/4W
R872	1-249-415-11	CARBON	680	5%	1/4W
R873	1-249-416-11	CARBON	820	5%	1/4W
R874	1-249-418-11	CARBON	1.2K	5%	1/4W
R875	1-247-837-11	CARBON	1.8K	5%	1/4W
R876	1-249-415-11	CARBON	680	5%	1/4W
R877	1-249-416-11	CARBON	820	5%	1/4W
R878	1-249-418-11	CARBON	1.2K	5%	1/4W
R879	1-247-837-11	CARBON	1.8K	5%	1/4W
R880	1-247-843-11	CARBON	3.3K	5%	1/4W
R881	1-249-427-11	CARBON	6.8K	5%	1/4W
R882	1-249-432-11	CARBON	18K	5%	1/4W
R883	1-249-415-11	CARBON	680	5%	1/4W
R884	1-249-416-11	CARBON	820	5%	1/4W
R885	1-249-418-11	CARBON	1.2K	5%	1/4W
R886	1-247-837-11	CARBON	1.8K	5%	1/4W
R887	1-249-415-11	CARBON	680	5%	1/4W
R888	1-249-416-11	CARBON	820	5%	1/4W
R889	1-249-418-11	CARBON	1.2K	5%	1/4W
R890	1-247-837-11	CARBON	1.8K	5%	1/4W
R891	1-247-843-11	CARBON	3.3K	5%	1/4W
R892	1-249-427-11	CARBON	6.8K	5%	1/4W
R893	1-249-432-11	CARBON	18K	5%	1/4W
R894	1-249-401-11	CARBON	47	5%	1/4W
		< SWITCH >			
S811	1-692-014-11	SWITCH, KEY BOARD (POWER)			
S812	1-692-014-11	SWITCH, KEY BOARD (SLEEP)			
S813	1-692-014-11	SWITCH, KEY BOARD (STANDBY)			
S814	1-692-014-11	SWITCH, KEY BOARD (▷ ▯▯)			
S815	1-692-014-11	SWITCH, KEY BOARD (□)			
S816	1-692-014-11	SWITCH, KEY BOARD (DISPLAY• ENTER MEMORY)			
S817	1-692-014-11	SWITCH, KEY BOARD (TUNING/ TIME SET I◀◀ –)			
S818	1-692-014-11	SWITCH, KEY BOARD (TUNING/ TIME SET ▶▶I +)			
S819	1-692-014-11	SWITCH, KEY BOARD (MEGA BASS)			
S820	1-692-014-11	SWITCH, KEY BOARD (VOL +)			
S821	1-692-014-11	SWITCH, KEY BOARD (VOL –)			
S822	1-692-014-11	SWITCH, KEY BOARD (BAND)			
S823	1-692-014-11	SWITCH, KEY BOARD (PRESET +)			
S824	1-692-014-11	SWITCH, KEY BOARD (PRESET –)			
S825	1-692-014-11	SWITCH, KEY BOARD (FUNCTION)			
S826	1-692-014-11	SWITCH, KEY BOARD (CLOCK)			
S827	1-692-014-11	SWITCH, KEY BOARD (TIMER)			
S828	1-692-014-11	SWITCH, KEY BOARD (PLAY MODE• MONO/ST ISS)			
S829	1-692-014-11	SWITCH, KEY BOARD (SOUND MODE OFF)			
S830	1-692-014-11	SWITCH, KEY BOARD (SOUND MODE ROCK)			
S831	1-692-014-11	SWITCH, KEY BOARD (SOUND MODE POP)			
S832	1-692-014-11	SWITCH, KEY BOARD (SOUND MODE LIVE)			
S833	1-692-014-11	SWITCH, KEY BOARD (SOUND MODE VOCAL)			
**********					
*	1-669-900-11	HEADPHONE BOARD (E)			
*	1-674-117-11	HEADPHONE BOARD (US)			
		**********			
		< CAPACITOR >			
C373	1-162-282-31	CERAMIC	100PF	10%	50V
		< CONNECTOR >			
* CNP311	1-564-519-11	PLUG, CONNECTOR 4P			
* CNP312	1-564-520-11	PLUG, CONNECTOR 5P			
CNP804	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< JACK >			
J301	1-779-050-11	JACK (🎧)			
		< COIL >			
L304	1-410-324-11	INDUCTOR 4.7uH			
L305	1-410-324-11	INDUCTOR 4.7uH			
L306	1-410-397-21	FERRITE BEAD INDUCTOR 1.1uH (US)			
L306	1-410-509-11	INDUCTOR 10uH (E)			
		< RESISTOR >			
R112	1-247-807-11	CARBON	100	5%	1/4W
R212	1-247-807-11	CARBON	100	5%	1/4W
		< SWITCH >			
S834	1-554-088-00	SWITCH, KEY BOARD (⏏ OPEN/CLOSE)			
**********					
*	1-668-026-11	H/P RETAINER BOARD			
		**********			
**********					
*	1-669-901-11	LAMP BOARD (E)			
*	1-674-118-11	LAMP BOARD (US)			
		**********			
	4-951-620-11	SCREW (2.6X10), +BVTP			
		< CONNECTOR >			
* CNP805	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< PILOT LAMP >			
PL801	1-517-474-31	LAMP, PILOT (8V/75mA)			
PL802	1-517-474-31	LAMP, PILOT (8V/75mA)			
PL803	1-517-474-31	LAMP, PILOT (8V/75mA)			
**********					
*	1-667-506-11	LCD BOARD			
		**********			
	1-791-648-11	WIRE, PARALLEL (FFC) (27 CORE)			
	3-021-465-01	ILLUMINATOR			
	3-021-484-01	HOLDER, LCD			
		< CAPACITOR >			
C873	1-162-282-31	CERAMIC	100PF	10%	50V
C874	1-162-282-31	CERAMIC	100PF	10%	50V
C875	1-162-282-31	CERAMIC	100PF	10%	50V
		< CONNECTOR >			
CNP801	1-695-388-21	PIN, CONNECTOR (PC BOARD) 27P			
* CNP807	1-564-724-11	PIN, CONNECTOR (SMALL TYPE) 8P			
CNP808	1-564-722-11	PIN, CONNECTOR (SMALL TYPE) 6P			
		< LIQUID CRYSTAL DISPLAY >			
LCD801	1-801-909-11	DISPLAY PANEL, LIQUID CRYSTAL			
**********					
*	1-656-254-11	LOADING BOARD			
		**********			
		< CAPACITOR >			
C777	1-136-165-00	FILM	0.1uF	5%	50V
		< CONNECTOR >			
* CN703	1-695-107-11	PIN, CONNECTOR (PC BOARD) 5P			
		< COIL >			
L761	1-412-852-11	INDUCTOR	47uH		
L762	1-412-852-11	INDUCTOR	47uH		
		< SWITCH >			
S702	1-572-086-11	SWITCH, LEAF (OPEN)			
S703	1-572-086-11	SWITCH, LEAF (CLOSE)			
**********					
*	A-3323-334-A	MAIN BOARD, COMPLETE (E)			
*	A-3323-338-A	MAIN BOARD, COMPLETE (US)			
		**********			
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S			
		< CAPACITOR >			
C101	1-162-294-31	CERAMIC	0.001uF	10%	50V
C102	1-162-293-31	CERAMIC	820PF	10%	50V
C103	1-162-851-11	CERAMIC	0.1uF	10%	16V
C104	1-126-233-11	ELECT	22uF	20%	50V
C105	1-162-294-31	CERAMIC	0.001uF	10%	50V
C106	1-162-293-31	CERAMIC	820PF	10%	50V
C107	1-126-233-11	ELECT	22uF	20%	50V
C108	1-162-840-11	CERAMIC	0.012uF	10%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C109	1-124-903-11	ELECT	1uF	20%	50V
C110	1-124-903-11	ELECT	1uF	20%	50V
C112	1-162-286-21	CERAMIC	220PF	10%	50V
C113	1-124-903-11	ELECT	1uF	20%	50V
C114	1-124-902-00	ELECT	0.47uF	20%	50V
C115	1-104-665-11	ELECT	100uF	20%	10V
C116	1-104-665-11	ELECT	100uF	20%	10V
C117	1-136-155-00	FILM	0.015uF	5%	50V
C118	1-126-927-11	ELECT	2200uF	20%	10V
C120	1-126-963-11	ELECT	4.7uF	20%	50V
C121	1-162-286-21	CERAMIC	220PF	10%	50V
C123	1-162-282-31	CERAMIC	100PF	10%	50V
C124	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C125	1-162-282-31	CERAMIC	100PF	10%	50V
C126	1-124-903-11	ELECT	1uF	20%	50V
C128	1-162-282-31	CERAMIC	100PF	10%	50V
C201	1-162-294-31	CERAMIC	0.001uF	10%	50V
C202	1-162-293-31	CERAMIC	820PF	10%	50V
C203	1-162-851-11	CERAMIC	0.1uF	10%	16V
C204	1-126-233-11	ELECT	22uF	20%	50V
C205	1-162-294-31	CERAMIC	0.001uF	10%	50V
C206	1-162-293-31	CERAMIC	820PF	10%	50V
C207	1-126-233-11	ELECT	22uF	20%	50V
C208	1-162-840-11	CERAMIC	0.012uF	10%	16V
C209	1-124-903-11	ELECT	1uF	20%	50V
C210	1-124-903-11	ELECT	1uF	20%	50V
C212	1-162-286-21	CERAMIC	220PF	10%	50V
C213	1-124-903-11	ELECT	1uF	20%	50V
C214	1-124-902-00	ELECT	0.47uF	20%	50V
C215	1-104-665-11	ELECT	100uF	20%	10V
C216	1-104-665-11	ELECT	100uF	20%	10V
C217	1-136-155-00	FILM	0.015uF	5%	50V
C218	1-126-927-11	ELECT	2200uF	20%	10V
C220	1-126-963-11	ELECT	4.7uF	20%	50V
C223	1-162-282-31	CERAMIC	100PF	10%	50V
C224	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C225	1-162-282-31	CERAMIC	100PF	10%	50V
C226	1-124-903-11	ELECT	1uF	20%	50V
C228	1-162-282-31	CERAMIC	100PF	10%	50V
C301	1-130-471-00	MYLAR	0.001uF	5%	50V
C302	1-130-483-00	MYLAR	0.01uF	5%	50V
C303	1-130-483-00	MYLAR	0.01uF	5%	50V
C304	1-104-665-11	ELECT	100uF	20%	10V
C305	1-162-306-11	CERAMIC	0.01uF	20%	16V
C306	1-162-306-11	CERAMIC	0.01uF	20%	16V
C307	1-124-907-11	ELECT	10uF	20%	50V
C308	1-104-666-11	ELECT	220uF	20%	10V
C309	1-162-286-21	CERAMIC	220PF	10%	50V
C310	1-104-666-11	ELECT	220uF	20%	10V
C311	1-162-282-31	CERAMIC	100PF	10%	50V
C312	1-124-903-11	ELECT	1uF	20%	50V
C313	1-162-286-21	CERAMIC	220PF	10%	50V
C314	1-162-851-11	CERAMIC	0.1uF	10%	16V
C315	1-161-020-11	CERAMIC	0.039uF	10%	16V
C316	1-124-907-11	ELECT	10uF	20%	50V
C317	1-104-666-11	ELECT	220uF	20%	10V
C318	1-126-233-11	ELECT	22uF	20%	50V
C319	1-136-161-00	MYLAR	0.047uF	5%	50V
C320	1-136-161-00	MYLAR	0.047uF	5%	50V
C321	1-136-153-00	FILM	0.01uF	5%	50V
C322	1-124-907-11	ELECT	10uF	20%	50V
C323	1-126-963-11	ELECT	4.7uF	20%	50V
C324	1-126-966-11	ELECT	33uF	20%	25V
C325	1-162-282-31	CERAMIC	100PF	10%	50V
C326	1-162-294-31	CERAMIC	0.001uF	10%	50V
C327	1-162-282-31	CERAMIC	100PF	10%	50V
C328	1-136-161-00	MYLAR	0.047uF	5%	50V
C329	1-136-161-00	MYLAR	0.047uF	5%	50V
C330	1-136-153-00	FILM	0.01uF	5%	50V
C331	1-136-165-00	MYLAR	0.1uF	5%	50V
C332	1-124-903-11	ELECT	1uF	20%	50V
C333	1-104-665-11	ELECT	100uF	20%	10V
C334	1-124-472-11	ELECT	470uF	20%	10V
C336	1-104-666-11	ELECT	220uF	20%	10V
C337	1-124-903-11	ELECT	1uF	20%	50V
C338	1-162-306-11	CERAMIC	0.01uF	20%	16V
C339	1-104-665-11	ELECT	100uF	20%	10V
C340	1-162-306-11	CERAMIC	0.01uF	20%	16V
C341	1-124-472-11	ELECT	470uF	20%	10V
C342	1-104-664-11	ELECT	47uF	20%	10V
C343	1-104-666-11	ELECT	220uF	20%	10V
C344	1-162-306-11	CERAMIC	0.01uF	20%	16V
C345	1-104-664-11	ELECT	47uF	20%	10V
C346	1-162-306-11	CERAMIC	0.01uF	20%	16V
C347	1-104-666-11	ELECT	220uF	20%	10V
C349	1-162-306-11	CERAMIC	0.01uF	20%	16V
C350	1-126-233-11	ELECT	22uF	20%	50V
C351	1-126-943-11	ELECT	2200uF	20%	25V
C352	1-104-665-11	ELECT	100uF	20%	10V
C353	1-162-284-31	CERAMIC	150PF	10%	50V
C354	1-162-282-31	CERAMIC	100PF	10%	50V
C355	1-164-159-21	CERAMIC	0.1uF		50V
C356	1-162-306-11	CERAMIC	0.01uF	20%	16V
C357	1-104-664-11	ELECT	47uF	20%	16V
C359	1-161-494-00	CERAMIC	0.022uF		25V
C360	1-161-494-00	CERAMIC	0.022uF		25V
C361	1-161-494-00	CERAMIC	0.022uF		25V
C362	1-161-494-00	CERAMIC	0.022uF		25V
C363	1-164-159-21	CERAMIC	0.1uF		50V
C364	1-162-306-11	CERAMIC	0.01uF	20%	16V
C366	1-162-294-31	CERAMIC	0.001uF	10%	50V
C367	1-162-282-31	CERAMIC	100PF	10%	50V
C368	1-162-282-31	CERAMIC	100PF	10%	50V
C369	1-162-282-31	CERAMIC	100PF	10%	50V
C370	1-162-282-31	CERAMIC	100PF	10%	50V
C371	1-162-282-31	CERAMIC	100PF	10%	50V

Ref. No.	Part No.	Description			Remark
C372	1-162-306-11	CERAMIC	0.01uF	20%	16V
C374	1-104-665-11	ELECT	100uF	20%	10V
C375	1-162-306-11	CERAMIC	0.01uF	20%	16V
C376	1-164-159-21	CERAMIC	0.1uF		50V
C377	1-162-306-11	CERAMIC	0.01uF	20%	16V
C379	1-162-306-11	CERAMIC	0.01uF	20%	16V
C380	1-162-306-11	CERAMIC	0.01uF	20%	16V
C381	1-162-306-11	CERAMIC	0.01uF	20%	16V
C382	1-162-306-11	CERAMIC	0.01uF	20%	16V
C384	1-162-306-11	CERAMIC	0.01uF	20%	16V (E)
C385	1-162-282-31	CERAMIC	100PF	10%	50V
C386	1-162-282-31	CERAMIC	100PF	10%	50V
C390	1-162-306-11	CERAMIC	0.01uF	20%	16V
C751	1-162-306-11	CERAMIC	0.01uF	20%	16V
C753	1-162-306-11	CERAMIC	0.01uF	20%	16V
C754	1-162-306-11	CERAMIC	0.01uF	20%	16V
C755	1-162-306-11	CERAMIC	0.01uF	20%	16V
C760	1-162-306-11	CERAMIC	0.01uF	20%	16V
C761	1-104-666-11	ELECT	220uF	20%	10V
C762	1-104-666-11	ELECT	220uF	20%	10V
C763	1-162-282-31	CERAMIC	100PF	10%	50V
C764	1-162-294-31	CERAMIC	0.001uF	10%	50V
C765	1-162-282-31	CERAMIC	100PF	10%	50V
C766	1-162-282-31	CERAMIC	100PF	10%	50V
C769	1-164-159-21	CERAMIC	0.1uF		50V
C770	1-104-666-11	ELECT	220uF	20%	10V
C771	1-137-194-11	MYLAR	0.47uF	5%	50V
C772	1-162-306-11	CERAMIC	0.01uF	20%	16V
C773	1-162-290-31	CERAMIC	470PF	10%	50V
C774	1-162-286-21	CERAMIC	220PF	10%	50V
C775	1-130-499-00	MYLAR	0.22uF	5%	50V
C776	1-162-306-11	CERAMIC	0.01uF	20%	16V
C778	1-162-306-11	CERAMIC	0.01uF	20%	16V
C779	1-162-306-11	CERAMIC	0.01uF	20%	16V
C780	1-162-306-11	CERAMIC	0.01uF	20%	16V
C781	1-162-306-11	CERAMIC	0.01uF	20%	16V
C782	1-162-292-31	CERAMIC	680PF	10%	50V
C783	1-162-284-31	CERAMIC	150PF	10%	50V
C784	1-162-199-31	CERAMIC	10PF	5%	50V
C785	1-162-199-31	CERAMIC	10PF	5%	50V
C786	1-126-963-11	ELECT	4.7uF	20%	50V
C787	1-162-284-31	CERAMIC	150PF	10%	50V
C788	1-126-963-11	ELECT	4.7uF	20%	50V
C789	1-162-292-31	CERAMIC	680PF	10%	50V
C791	1-104-666-11	ELECT	220uF	20%	10V
C792	1-162-306-11	CERAMIC	0.01uF	20%	16V
C793	1-162-306-11	CERAMIC	0.01uF	20%	16V
C794	1-162-306-11	CERAMIC	0.01uF	20%	16V
C796	1-162-306-11	CERAMIC	0.01uF	20%	16V
C797	1-162-306-11	CERAMIC	0.01uF	20%	16V
C801	1-124-903-11	ELECT	1uF	20%	50V
C803	1-102-516-11	CERAMIC	27PF	5%	50V

Ref. No.	Part No.	Description			Remark
C804	1-162-306-11	CERAMIC	0.01uF	20%	16V
C805	1-162-306-11	CERAMIC	0.01uF	20%	16V
C806	1-102-518-11	CERAMIC	33PF	5%	50V
C807	1-102-960-00	CERAMIC	24PF	5%	50V
C808	1-102-960-00	CERAMIC	24PF	5%	50V
C809	1-162-306-11	CERAMIC	0.01uF	20%	16V
C810	1-162-306-11	CERAMIC	0.01uF	20%	16V
C811	1-162-306-11	CERAMIC	0.01uF	20%	16V
C812	1-104-664-11	ELECT	47uF	20%	10V
C813	1-164-159-21	CERAMIC	0.1uF		50V
C814	1-124-472-11	ELECT	470uF	20%	10V
C815	1-162-306-11	CERAMIC	0.01uF	20%	16V
C816	1-102-514-11	CERAMIC	22PF	5%	50V
C817	1-102-514-11	CERAMIC	22PF	5%	50V
C818	1-162-282-31	CERAMIC	100PF	10%	50V
C819	1-162-282-31	CERAMIC	100PF	10%	50V
C820	1-162-282-31	CERAMIC	100PF	10%	50V
C821	1-162-282-31	CERAMIC	100PF	10%	50V
C822	1-162-282-31	CERAMIC	100PF	10%	50V
C823	1-162-282-31	CERAMIC	100PF	10%	50V
C824	1-162-282-31	CERAMIC	100PF	10%	50V
C825	1-162-282-31	CERAMIC	100PF	10%	50V
C826	1-162-282-31	CERAMIC	100PF	10%	50V
C827	1-162-282-31	CERAMIC	100PF	10%	50V
C828	1-162-282-31	CERAMIC	100PF	10%	50V
C829	1-162-292-31	CERAMIC	680PF	10%	50V
C830	1-162-292-31	CERAMIC	680PF	10%	50V
C831	1-162-292-31	CERAMIC	680PF	10%	50V
C832	1-162-282-31	CERAMIC	100PF	10%	50V
C838	1-162-306-11	CERAMIC	0.01uF	20%	16V
C840	1-162-306-11	CERAMIC	0.01uF	20%	16V
C841	1-162-294-31	CERAMIC	0.001uF	10%	50V
C842	1-162-294-31	CERAMIC	0.001uF	10%	50V
C843	1-162-294-31	CERAMIC	0.001uF	10%	50V
C844	1-162-294-31	CERAMIC	0.001uF	10%	50V
C845	1-162-294-31	CERAMIC	0.001uF	10%	50V
C846	1-162-306-11	CERAMIC	0.01uF	20%	16V
C847	1-162-306-11	CERAMIC	0.01uF	20%	16V
C849	1-104-665-11	ELECT	100uF	20%	10V
C850	1-162-306-11	CERAMIC	0.01uF	20%	16V
C851	1-162-306-11	CERAMIC	0.01uF	20%	16V
C852	1-162-282-31	CERAMIC	100PF	10%	50V
C853	1-162-294-31	CERAMIC	0.001uF	10%	50V
C854	1-162-282-31	CERAMIC	100PF	10%	50V
C856	1-162-306-11	CERAMIC	0.01uF	20%	16V
C857	1-162-282-31	CERAMIC	100PF	10%	50V

< CONNECTOR >

* CNP302	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P	
* CNP308	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P	
CNP309	1-695-350-11	PIN, CONNECTOR (PC BOARD) 27P	
CNP310	1-695-336-31	PIN, CONNECTOR (PC BOARD) 13P	
* CNP314	1-564-713-11	PIN, CONNECTOR (SMALL TYPE) 11P	

MAIN

Ref. No.	Part No.	Description	Remark
* CNP760	1-569-936-11	PIN, CONNECTOR (PC BOARD) 20P	
		< DIODE >	
D301	8-719-991-33	DIODE 1SS133T-77	
D302	8-719-991-33	DIODE 1SS133T-77	
D303	8-719-991-33	DIODE 1SS133T-77	
D304	8-719-991-33	DIODE 1SS133T-77	
D305	8-719-991-33	DIODE 1SS133T-77	
D306	8-719-991-33	DIODE 1SS133T-77	
D307	8-719-991-33	DIODE 1SS133T-77	
D308	8-719-991-33	DIODE 1SS133T-77	
D309	8-719-991-33	DIODE 1SS133T-77	
D310	8-719-991-33	DIODE 1SS133T-77	
D311	8-719-110-08	DIODE MTZJ-T-77-8.2B	
D312	8-719-109-89	DIODE MTZJ-T-77-5.6B	
D313	8-719-110-03	DIODE MTZJ-T-77-7.5A	
D314	8-719-991-33	DIODE 1SS133T-77	
D315	8-719-110-14	DIODE MTZJ-T-77-9.1C	
D316	8-719-991-33	DIODE 1SS133T-77	
D317	8-719-991-33	DIODE 1SS133T-77	
D318	8-719-991-33	DIODE 1SS133T-77	
D319	8-719-991-33	DIODE 1SS133T-77	
D321	8-719-991-33	DIODE 1SS133T-77	
D322	8-719-991-33	DIODE 1SS133T-77	
D801	8-719-991-33	DIODE 1SS133T-77	
D802	8-719-991-33	DIODE 1SS133T-77	
D803	8-719-991-33	DIODE 1SS133T-77	
D804	8-719-991-33	DIODE 1SS133T-77	
D805	8-719-991-33	DIODE 1SS133T-77	
D806	8-719-991-33	DIODE 1SS133T-77	
		< FUSE >	
⚠F301	1-533-905-11	FUSE, MICRO (1.25A/125V)	
		< IC >	
IC301	8-759-457-58	IC BA3426AS	
IC302	8-759-432-41	IC BH3854AS	
IC303	8-759-426-51	IC BA5417	
IC304	8-759-095-60	IC S-81250PG-Z	
IC704	8-752-384-13	IC CXD2589Q	
IC801	8-752-909-94	IC CXP83120A-039Q	
IC802	8-759-165-86	IC PST600I-T	
		< RESISTOR >	
JW225	1-249-421-11	CARBON 2.2K 5% 1/4W (US)	
		< COIL >	
L307	1-412-848-11	INDUCTOR 22uH	
L312	1-410-509-11	INDUCTOR 10uH	
L313	1-410-509-11	INDUCTOR 10uH	
L314	1-410-509-11	INDUCTOR 10uH	
L315	1-410-509-11	INDUCTOR 10uH	
L316	1-410-509-11	INDUCTOR 10uH	
L317	1-410-509-11	INDUCTOR 10uH	
L801	1-410-517-11	INDUCTOR 47uH	
L802	1-414-146-31	INDUCTOR 2.2uH	
L803	1-410-521-11	INDUCTOR 100uH	
L804	1-410-509-11	INDUCTOR 10uH	
L806	1-410-521-11	INDUCTOR 100uH	
L807	1-410-509-11	INDUCTOR 10uH	
L808	1-410-509-11	INDUCTOR 10uH	
L809	1-410-509-11	INDUCTOR 10uH	
L810	1-410-509-11	INDUCTOR 10uH	
L812	1-410-509-11	INDUCTOR 10uH	
L813	1-410-509-11	INDUCTOR 10uH	
L815	1-410-509-11	INDUCTOR 10uH	
		< TRANSISTOR >	
Q101	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q201	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q301	8-729-036-58	TRANSISTOR KRC102M-AT	
Q302	8-729-036-58	TRANSISTOR KRC102M-AT	
Q304	8-729-037-29	TRANSISTOR KRA102M-AT	
Q305	8-729-037-29	TRANSISTOR KRA102M-AT	
Q306	8-729-036-57	TRANSISTOR KRC101M-AT	
Q307	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q308	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q309	8-729-037-17	TRANSISTOR KRA104M-AT	
Q310	8-729-119-78	TRANSISTOR 2SC2785TP-HFE	
Q311	8-729-209-15	TRANSISTOR 2SD2012	
Q312	8-729-801-84	TRANSISTOR 2SB1013-TP-34	
Q313	8-729-036-58	TRANSISTOR KRC102M-AT	
Q314	8-729-036-86	TRANSISTOR KTC3203Y-AT	
Q315	8-729-209-15	TRANSISTOR 2SD2012	
Q316	8-729-040-76	TRANSISTOR KTA1273-Y-AT	
Q317	8-729-036-77	TRANSISTOR KRC107M-AT	
Q318	8-729-209-15	TRANSISTOR 2SD2012	
Q319	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q320	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q321	8-729-011-94	FET 2SK105ATP-3040	
Q322	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q323	8-729-036-89	TRANSISTOR KTC3198GR-A	
Q325	8-729-037-17	TRANSISTOR KRA104M-AT	
Q326	8-729-037-17	TRANSISTOR KRA104M-AT	
Q801	8-729-922-66	TRANSISTOR 2SC2410S-TPN	
Q802	8-729-922-66	TRANSISTOR 2SC2410S-TPN	
Q805	8-729-036-86	TRANSISTOR KTC3203Y-AT	
Q806	8-729-036-86	TRANSISTOR KTC3203Y-AT	
		< RESISTOR >	
R101	1-247-852-11	CARBON 7.5K 5% 1/4W	
R103	1-247-815-11	CARBON 220 5% 1/4W	
R104	1-247-815-11	CARBON 220 5% 1/4W	
R105	1-247-807-11	CARBON 100 5% 1/4W	
R106	1-247-831-11	CARBON 1K 5% 1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description			Remark
R107	1-249-425-11	CARBON	4.7K	5%	1/4W
R108	1-249-421-11	CARBON	2.2K	5%	1/4W
R109	1-247-831-11	CARBON	1K	5%	1/4W
R110	1-247-816-11	CARBON	240	5%	1/4W
⚠R111	1-202-958-11	FUSIBLE	2.2	5%	1/4W F
R113	1-249-429-11	CARBON	10K	5%	1/4W
R114	1-247-863-11	CARBON	22K	5%	1/4W
R115	1-249-421-11	CARBON	2.2K	5%	1/4W
R201	1-247-852-11	CARBON	7.5K	5%	1/4W
R203	1-247-815-11	CARBON	220	5%	1/4W
R204	1-247-815-11	CARBON	220	5%	1/4W
R205	1-247-807-11	CARBON	100	5%	1/4W
R206	1-247-831-11	CARBON	1K	5%	1/4W
R207	1-249-425-11	CARBON	4.7K	5%	1/4W
R208	1-249-421-11	CARBON	2.2K	5%	1/4W
R209	1-247-831-11	CARBON	1K	5%	1/4W
R210	1-247-816-11	CARBON	240	5%	1/4W
⚠R211	1-202-958-11	FUSIBLE	2.2	5%	1/4W F
R213	1-249-429-11	CARBON	10K	5%	1/4W
R214	1-247-863-11	CARBON	22K	5%	1/4W
R215	1-249-421-11	CARBON	2.2K	5%	1/4W
R301	1-249-429-11	CARBON	10K	5%	1/4W
R302	1-247-895-11	CARBON	470K	5%	1/4W
R304	1-247-831-11	CARBON	1K	5%	1/4W
R305	1-249-414-11	CARBON	560	5%	1/4W
R306	1-247-831-11	CARBON	1K	5%	1/4W
R307	1-247-831-11	CARBON	1K	5%	1/4W
R308	1-249-411-11	CARBON	330	5%	1/4W
R309	1-249-427-11	CARBON	6.8K	5%	1/4W
R310	1-247-831-11	CARBON	1K	5%	1/4W
R311	1-249-427-11	CARBON	6.8K	5%	1/4W
R313	1-247-863-11	CARBON	22K	5%	1/4W
R314	1-249-429-11	CARBON	10K	5%	1/4W
R315	1-249-425-11	CARBON	4.7K	5%	1/4W
R316	1-249-429-11	CARBON	10K	5%	1/4W
R317	1-247-863-11	CARBON	22K	5%	1/4W
R318	1-247-831-11	CARBON	1K	5%	1/4W
R319	1-249-437-11	CARBON	47K	5%	1/4W
R320	1-247-903-00	CARBON	1M	5%	1/4W
R321	1-247-807-11	CARBON	100	5%	1/4W
R322	1-249-429-11	CARBON	10K	5%	1/4W
R323	1-249-429-11	CARBON	10K	5%	1/4W
R324	1-247-903-00	CARBON	1M	5%	1/4W
R325	1-249-429-11	CARBON	10K	5%	1/4W
R326	1-247-843-11	CARBON	3.3K	5%	1/4W
R327	1-247-895-11	CARBON	470K	5%	1/4W
R328	1-247-831-11	CARBON	1K	5%	1/4W
R329	1-249-419-11	CARBON	1.5K	5%	1/4W
R330	1-249-407-11	CARBON	150	5%	1/4W
R331	1-249-437-11	CARBON	47K	5%	1/4W
R332	1-249-407-11	CARBON	150	5%	1/4W
R333	1-247-831-11	CARBON	1K	5%	1/4W
R334	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R335	1-247-815-11	CARBON	220	5%	1/4W
R336	1-249-437-11	CARBON	47K	5%	1/4W
R337	1-249-429-11	CARBON	10K	5%	1/4W
R338	1-249-407-11	CARBON	150	5%	1/4W
R339	1-247-807-11	CARBON	100	5%	1/4W
R341	1-249-425-11	CARBON	4.7K	5%	1/4W
R344	1-249-441-11	CARBON	100K	5%	1/4W
R345	1-249-418-11	CARBON	1.2K	5%	1/4W
R346	1-247-843-11	CARBON	3.3K	5%	1/4W
R347	1-249-393-11	CARBON	10	5%	1/4W
R348	1-249-437-11	CARBON	47K	5%	1/4W
R349	1-249-425-11	CARBON	4.7K	5%	1/4W
R350	1-249-425-11	CARBON	4.7K	5%	1/4W
R353	1-247-831-11	CARBON	1K	5%	1/4W
R354	1-249-425-11	CARBON	4.7K	5%	1/4W
R355	1-247-863-11	CARBON	22K	5%	1/4W
R357	1-249-437-11	CARBON	47K	5%	1/4W
R358	1-249-437-11	CARBON	47K	5%	1/4W
R359	1-249-429-11	CARBON	10K	5%	1/4W
R360	1-249-425-11	CARBON	4.7K	5%	1/4W
R361	1-249-425-11	CARBON	4.7K	5%	1/4W
R362	1-247-831-11	CARBON	1K	5%	1/4W
R366	1-249-401-11	CARBON	47	5%	1/4W
R367	1-249-429-11	CARBON	10K	5%	1/4W
R368	1-249-431-11	CARBON	15K	5%	1/4W
R369	1-247-863-11	CARBON	22K	5%	1/4W
R370	1-249-393-11	CARBON	10	5%	1/4W
					(US)
R390	1-247-807-11	CARBON	100	5%	1/4W
					(US)
R401	1-249-429-11	CARBON	10K	5%	1/4W
R402	1-249-429-11	CARBON	10K	5%	1/4W
R403	1-249-429-11	CARBON	10K	5%	1/4W
R404	1-249-429-11	CARBON	10K	5%	1/4W
R405	1-249-429-11	CARBON	10K	5%	1/4W
R406	1-249-429-11	CARBON	10K	5%	1/4W
R407	1-249-429-11	CARBON	10K	5%	1/4W
R408	1-249-429-11	CARBON	10K	5%	1/4W
R409	1-249-429-11	CARBON	10K	5%	1/4W
R410	1-249-429-11	CARBON	10K	5%	1/4W
R411	1-249-429-11	CARBON	10K	5%	1/4W
R412	1-249-429-11	CARBON	10K	5%	1/4W
R413	1-249-429-11	CARBON	10K	5%	1/4W
R414	1-249-429-11	CARBON	10K	5%	1/4W
R415	1-249-429-11	CARBON	10K	5%	1/4W
R416	1-249-429-11	CARBON	10K	5%	1/4W
R417	1-249-429-11	CARBON	10K	5%	1/4W
R418	1-249-429-11	CARBON	10K	5%	1/4W
R419	1-249-429-11	CARBON	10K	5%	1/4W
R420	1-249-429-11	CARBON	10K	5%	1/4W
R421	1-249-429-11	CARBON	10K	5%	1/4W
R422	1-249-429-11	CARBON	10K	5%	1/4W
R423	1-249-429-11	CARBON	10K	5%	1/4W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

MAIN

Ref. No.	Part No.	Description			Remark
R424	1-249-429-11	CARBON	10K	5%	1/4W
R425	1-249-429-11	CARBON	10K	5%	1/4W
R426	1-249-429-11	CARBON	10K	5%	1/4W
R427	1-249-429-11	CARBON	10K	5%	1/4W
R433	1-249-425-11	CARBON	4.7K	5%	1/4W
R434	1-249-425-11	CARBON	4.7K	5%	1/4W
R435	1-249-425-11	CARBON	4.7K	5%	1/4W
R744	1-249-411-11	CARBON	330	5%	1/4W
R745	1-247-831-11	CARBON	1K	5%	1/4W
R746	1-247-831-11	CARBON	1K	5%	1/4W
R747	1-247-831-11	CARBON	1K	5%	1/4W
R760	1-249-437-11	CARBON	47K	5%	1/4W
R761	1-249-437-11	CARBON	47K	5%	1/4W
R762	1-247-843-11	CARBON	3.3K	5%	1/4W
R763	1-247-831-11	CARBON	1K	5%	1/4W
R764	1-249-429-11	CARBON	10K	5%	1/4W
R765	1-247-903-00	CARBON	1M	5%	1/4W
R766	1-249-429-11	CARBON	10K	5%	1/4W
R767	1-247-887-00	CARBON	220K	5%	1/4W
R768	1-249-430-11	CARBON	12K	5%	1/4W
R769	1-249-430-11	CARBON	12K	5%	1/4W
R770	1-249-430-11	CARBON	12K	5%	1/4W
R771	1-249-425-11	CARBON	4.7K	5%	1/4W
R772	1-249-430-11	CARBON	12K	5%	1/4W
R773	1-249-425-11	CARBON	4.7K	5%	1/4W
R774	1-249-430-11	CARBON	12K	5%	1/4W
R775	1-249-430-11	CARBON	12K	5%	1/4W
R776	1-249-437-11	CARBON	47K	5%	1/4W
R777	1-247-807-11	CARBON	100	5%	1/4W
R778	1-247-807-11	CARBON	100	5%	1/4W
R779	1-247-807-11	CARBON	100	5%	1/4W
R785	1-247-831-11	CARBON	1K	5%	1/4W
R786	1-247-807-11	CARBON	100	5%	1/4W
R790	1-249-425-11	CARBON	4.7K	5%	1/4W
R791	1-249-425-11	CARBON	4.7K	5%	1/4W
R792	1-247-831-11	CARBON	1K	5%	1/4W
R793	1-247-831-11	CARBON	1K	5%	1/4W
R794	1-247-831-11	CARBON	1K	5%	1/4W
R801	1-249-425-11	CARBON	4.7K	5%	1/4W
R802	1-249-425-11	CARBON	4.7K	5%	1/4W
R803	1-249-425-11	CARBON	4.7K	5%	1/4W
R804	1-249-425-11	CARBON	4.7K	5%	1/4W
R805	1-249-425-11	CARBON	4.7K	5%	1/4W
R806	1-249-415-11	CARBON	680	5%	1/4W (US)
R809	1-249-429-11	CARBON	10K	5%	1/4W
R810	1-249-413-11	CARBON	470	5%	1/4W
R811	1-249-421-11	CARBON	2.2K	5%	1/4W
R812	1-249-421-11	CARBON	2.2K	5%	1/4W
R813	1-249-421-11	CARBON	2.2K	5%	1/4W
R814	1-247-831-11	CARBON	1K	5%	1/4W
R815	1-249-429-11	CARBON	10K	5%	1/4W
R816	1-247-831-11	CARBON	1K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R817	1-247-831-11	CARBON	1K	5%	1/4W
R818	1-249-439-11	CARBON	68K	5%	1/4W
R819	1-249-439-11	CARBON	68K	5%	1/4W
R820	1-249-439-11	CARBON	68K	5%	1/4W
R821	1-247-881-00	CARBON	120K	5%	1/4W
R822	1-249-421-11	CARBON	2.2K	5%	1/4W
R823	1-249-425-11	CARBON	4.7K	5%	1/4W
R824	1-249-425-11	CARBON	4.7K	5%	1/4W
R825	1-249-425-11	CARBON	4.7K	5%	1/4W
R826	1-249-425-11	CARBON	4.7K	5%	1/4W
R827	1-249-429-11	CARBON	10K	5%	1/4W
R828	1-249-425-11	CARBON	4.7K	5%	1/4W
R829	1-247-831-11	CARBON	1K	5%	1/4W
R830	1-249-425-11	CARBON	4.7K	5%	1/4W
R831	1-247-831-11	CARBON	1K	5%	1/4W
R832	1-249-425-11	CARBON	4.7K	5%	1/4W
R833	1-247-831-11	CARBON	1K	5%	1/4W
R834	1-247-831-11	CARBON	1K	5%	1/4W
R835	1-247-831-11	CARBON	1K	5%	1/4W
R836	1-247-831-11	CARBON	1K	5%	1/4W
R837	1-247-831-11	CARBON	1K	5%	1/4W
R838	1-247-831-11	CARBON	1K	5%	1/4W
R839	1-247-831-11	CARBON	1K	5%	1/4W
R840	1-247-831-11	CARBON	1K	5%	1/4W
R841	1-249-425-11	CARBON	4.7K	5%	1/4W
R842	1-249-425-11	CARBON	4.7K	5%	1/4W
R843	1-249-425-11	CARBON	4.7K	5%	1/4W
R844	1-249-425-11	CARBON	4.7K	5%	1/4W
R845	1-247-831-11	CARBON	1K	5%	1/4W
R846	1-247-831-11	CARBON	1K	5%	1/4W
R847	1-249-425-11	CARBON	4.7K	5%	1/4W
R848	1-249-441-11	CARBON	100K	5%	1/4W
R849	1-249-441-11	CARBON	100K	5%	1/4W
R850	1-249-425-11	CARBON	4.7K	5%	1/4W
R851	1-249-425-11	CARBON	4.7K	5%	1/4W
R852	1-247-831-11	CARBON	1K	5%	1/4W
R853	1-247-831-11	CARBON	1K	5%	1/4W
R854	1-249-425-11	CARBON	4.7K	5%	1/4W
R855	1-249-425-11	CARBON	4.7K	5%	1/4W
R856	1-249-425-11	CARBON	4.7K	5%	1/4W
R857	1-249-437-11	CARBON	47K	5%	1/4W
R858	1-249-441-11	CARBON	100K	5%	1/4W
R859	1-249-429-11	CARBON	10K	5%	1/4W
R860	1-249-441-11	CARBON	100K	5%	1/4W
R862	1-249-425-11	CARBON	4.7K	5%	1/4W
R863	1-249-421-11	CARBON	2.2K	5%	1/4W
R864	1-249-441-11	CARBON	100K	5%	1/4W
R865	1-249-435-11	CARBON	33K	5%	1/4W
R866	1-247-895-11	CARBON	470K	5%	1/4W
R868	1-249-435-11	CARBON	33K	5%	1/4W
R869	1-247-895-11	CARBON	470K	5%	1/4W

Ref. No.	Part No.	Description			Remark
		< VARIABLE RESISTOR >			
RV301	1-230-495-11	RES, ADJ, CARBON 2.2K			
		< TRANSFORMER >			
T301	1-433-346-11	TRANSFORMER, BIAS OSCILLATOR			
		< VIBRATOR >			
X701	1-579-345-11	VIBRATOR, CERAMIC (16.9344MHz)			
X801	1-767-184-11	VIBRATOR, CERAMIC (4.19MHz)			
X802	1-760-105-11	VIBRATOR, CRYSTAL (32.768kHz)			
**********					
*	1-669-897-11	POWER BOARD (E)			
*	1-674-114-11	POWER BOARD (US)			
		**********			
	1-533-233-31	HOLDER, FUSE			
		< CAPACITOR >			
C901	1-161-021-11	CERAMIC	0.047uF	10%	25V
C902	1-161-021-11	CERAMIC	0.047uF	10%	25V
C903	1-161-021-11	CERAMIC	0.047uF	10%	25V
C904	1-161-021-11	CERAMIC	0.047uF	10%	25V
C905	1-126-944-11	ELECT	3300uF	20%	25V
C906	1-161-021-11	CERAMIC	0.047uF	10%	25V
C907	1-161-059-00	CERAMIC	0.047uF	10%	50V
		< CONNECTOR >			
* CNP901	1-564-507-11	PLUG, CONNECTOR 4P			
* CNP902	1-564-506-11	PLUG, CONNECTOR 3P			
		< DIODE >			
D901	8-719-046-47	DIODE 1N5401TM			
D902	8-719-046-47	DIODE 1N5401TM			
D903	8-719-046-47	DIODE 1N5401TM			
D904	8-719-046-47	DIODE 1N5401TM			
D906	8-719-991-33	DIODE 1SS133T-77			
D907	8-719-991-33	DIODE 1SS133T-77			
D908	8-719-981-95	DIODE MTZJ-T-77-2.7B			
D910	8-719-991-33	DIODE 1SS133T-77			
		< FUSE >			
⚠F901	1-532-464-31	FUSE, TIME-LAG (T2.5AL/250V) (E)			
⚠F901	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5) (5A/125V) (US)			
		< AC INLET >			
⚠J901	1-526-838-11	INLET, AC 2P (~ AC IN) (E)			
⚠J901	1-540-009-11	INLET, AC (~ AC IN) (US)			
		< LINE FILTER >			
⚠LF901	1-424-150-11	TRANSFORMER, LINE FILTER			

Ref. No.	Part No.	Description			Remark
		< TRANSFORMER >			
⚠T901	1-435-077-11	TRANSFORMER, POWER (US)			
⚠T901	1-435-078-11	TRANSFORMER, POWER (E)			
**********					
*	1-669-898-11	RECORD/PLAYBACK SWITCH BOARD (E)			
*	1-674-115-11	RECORD/PLAYBACK SWITCH BOARD (US)			
		**********			
		< CAPACITOR >			
C378	1-162-294-31	CERAMIC	0.001uF	10%	50V
		< CONNECTOR >			
CNP301	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
		< RESISTOR >			
R102	1-247-831-11	CARBON	1K	5%	1/4W
R202	1-247-831-11	CARBON	1K	5%	1/4W
		< SWITCH >			
S301	1-692-167-11	SWITCH, SLIDE (REC/PB)			
**********					
*	A-3322-252-A	TUNER BOARD, COMPLETE (E)			
		**********			
		< CAPACITOR >			
C2	1-162-294-31	CERAMIC	0.001uF	10%	50V
C3	1-162-306-11	CERAMIC	0.01uF	20%	16V
C4	1-102-516-11	CERAMIC	27PF	5%	50V
C5	1-162-203-31	CERAMIC	15PF	5%	50V
C7	1-161-051-00	CERAMIC	0.01uF	10%	50V
C8	1-162-201-31	CERAMIC	12PF	5%	50V
C9	1-102-820-00	CERAMIC	330PF	5%	50V
C10	1-164-159-21	CERAMIC	0.1uF		50V
C11	1-162-288-31	CERAMIC	330PF	10%	50V
C12	1-124-907-11	ELECT	10uF	20%	50V
C13	1-162-306-11	CERAMIC	0.01uF	20%	16V
C14	1-162-849-11	CERAMIC	0.068uF	10%	16V
C15	1-162-850-11	CERAMIC	0.082uF	10%	16V
C16	1-162-850-11	CERAMIC	0.082uF	10%	16V
C17	1-126-963-11	ELECT	4.7uF	20%	50V
C18	1-104-665-11	ELECT	100uF	20%	10V
C21	1-162-282-31	CERAMIC	100PF	10%	50V
C22	1-162-306-11	CERAMIC	0.01uF	20%	16V
C23	1-161-053-00	CERAMIC	0.015uF	10%	50V
C24	1-161-053-00	CERAMIC	0.015uF	10%	50V
C25	1-162-294-31	CERAMIC	0.001uF	10%	50V
C26	1-124-907-11	ELECT	10uF	20%	50V
C27	1-124-907-11	ELECT	10uF	20%	50V
C31	1-162-294-31	CERAMIC	0.001uF	10%	50V
C32	1-162-306-11	CERAMIC	0.01uF	20%	16V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

TUNER

Ref. No.	Part No.	Description			Remark
C33	1-164-159-21	CERAMIC	0.1uF		50V
C34	1-162-306-11	CERAMIC	0.01uF	20%	16V
C42	1-162-294-31	CERAMIC	0.001uF	10%	50V
C43	1-162-294-31	CERAMIC	0.001uF	10%	50V
C44	1-162-306-11	CERAMIC	0.01uF	20%	16V
C45	1-136-177-00	MYLAR	1uF	5%	50V
C46	1-124-907-11	ELECT	10uF	20%	50V
C47	1-162-306-11	CERAMIC	0.01uF	20%	16V
C48	1-124-907-11	ELECT	10uF	20%	50V
C49	1-162-306-11	CERAMIC	0.01uF	20%	16V
C50	1-162-294-31	CERAMIC	0.001uF	10%	50V
C51	1-162-294-31	CERAMIC	0.001uF	10%	50V
C52	1-162-282-31	CERAMIC	100PF	10%	50V
C53	1-162-294-31	CERAMIC	0.001uF	10%	50V
C54	1-102-518-11	CERAMIC	33PF	5%	50V
C55	1-162-203-31	CERAMIC	15PF	5%	50V
C56	1-162-306-11	CERAMIC	0.01uF	20%	16V
C57	1-162-290-31	CERAMIC	470PF	10%	50V
C58	1-162-306-11	CERAMIC	0.01uF	20%	16V
C59	1-162-306-11	CERAMIC	0.01uF	20%	16V
C60	1-124-907-11	ELECT	10uF	20%	50V
C61	1-162-306-11	CERAMIC	0.01uF	20%	16V
C62	1-162-306-11	CERAMIC	0.01uF	20%	16V
C63	1-162-282-31	CERAMIC	100PF	10%	50V
C64	1-162-198-31	CERAMIC	8.2PF	10%	50V
C65	1-162-294-31	CERAMIC	0.001uF	10%	50V
C66	1-162-294-31	CERAMIC	0.001uF	10%	50V
C67	1-162-197-31	CERAMIC	6.8PF	10%	50V
C68	1-162-215-31	CERAMIC	47PF	5%	50V
C69	1-162-306-11	CERAMIC	0.01uF	20%	16V
C70	1-162-306-11	CERAMIC	0.01uF	20%	16V
C71	1-162-282-31	CERAMIC	100PF	10%	50V
C72	1-162-282-31	CERAMIC	100PF	10%	50V
C73	1-162-282-31	CERAMIC	100PF	10%	50V
		< FILTER >			
CF1	1-760-468-11	FILTER, CERAMIC			
CF2	1-760-468-11	FILTER, CERAMIC			
CF3	1-760-468-11	FILTER, CERAMIC			
CF4	1-767-096-11	VIBRATOR, CERAMIC			
		< ENCAPSULATED COMPONENT >			
CFT1	1-233-885-11	ENCAPSULATED COMPONENT			
		< CONNECTOR >			
CN1	1-695-336-31	PIN, CONNECTOR (PC BOARD) 13P			
* CN2	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< TRIMMER >			
CT1	1-141-227-00	CAP, TRIMMER	20PF		
CT2	1-141-227-00	CAP, TRIMMER	20PF		

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D1	8-719-050-72	DIODE KV1370NT			
D2	8-719-050-72	DIODE KV1370NT			
D3	8-719-050-69	DIODE KV1520NT			
D5	8-719-991-33	DIODE 1SS133T-77			
D6	8-719-991-33	DIODE 1SS133T-77			
		< FUSE HOLDER >			
FH1	1-533-233-31	HOLDER, FUSE			
		< BPF >			
FL1	1-236-022-11	FILTER, BAND PASS			
		< IC >			
IC1	8-759-386-02	IC TA2008AN			
IC2	8-759-333-33	IC BU2614			
		< COIL >			
L1	1-409-905-31	COIL, FM RF			
L2	1-409-904-31	COIL, FM OSC			
L3	1-501-923-11	ANTENNA, FERRITE-ROD (AM)			
L4	1-411-234-21	COIL, AM OSC			
L5	1-410-336-11	INDUCTOR	220uH		
L7	1-410-521-11	INDUCTOR	100uH		
L8	1-410-324-11	INDUCTOR	4.7uH		
		< TRANSISTOR >			
Q1	8-729-036-77	TRANSISTOR KRC107M-AT			
Q2	8-729-036-77	TRANSISTOR KRC107M-AT			
Q3	8-729-036-77	TRANSISTOR KRC107M-AT			
Q4	8-729-036-77	TRANSISTOR KRC107M-AT			
Q5	8-729-106-07	FET 2SK514TP-H			
Q6	8-729-922-66	TRANSISTOR 2SC2410S-TPN			
Q7	8-729-037-34	TRANSISTOR KRA107M-AT			
Q8	8-729-012-83	FET 2SK679A-T			
Q9	8-729-036-58	TRANSISTOR KRC102M-AT			
Q10	8-729-036-77	TRANSISTOR KRC107M-AT			
Q11	8-729-036-77	TRANSISTOR KRC107M-AT			
Q12	8-729-037-34	TRANSISTOR KRA107M-AT			
		< RESISTOR >			
R1	1-249-441-11	CARBON	100K	5%	1/4W
R2	1-247-887-00	CARBON	220K	5%	1/4W
R3	1-249-431-11	CARBON	15K	5%	1/4W
R4	1-249-429-11	CARBON	10K	5%	1/4W
R5	1-249-421-11	CARBON	2.2K	5%	1/4W
R6	1-247-887-00	CARBON	220K	5%	1/4W
R7	1-247-815-11	CARBON	220	5%	1/4W
R8	1-247-863-11	CARBON	22K	5%	1/4W
R9	1-249-421-11	CARBON	2.2K	5%	1/4W
R10	1-249-425-11	CARBON	4.7K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R11	1-247-815-11	CARBON	220	5%	1/4W
R12	1-249-427-11	CARBON	6.8K	5%	1/4W
R14	1-249-404-00	CARBON	82	5%	1/4W
R16	1-249-429-11	CARBON	10K	5%	1/4W
R17	1-249-429-11	CARBON	10K	5%	1/4W
R18	1-247-863-11	CARBON	22K	5%	1/4W
R19	1-247-863-11	CARBON	22K	5%	1/4W
R21	1-247-883-00	CARBON	150K	5%	1/4W
R25	1-249-429-11	CARBON	10K	5%	1/4W
R26	1-249-425-11	CARBON	4.7K	5%	1/4W
R27	1-249-421-11	CARBON	2.2K	5%	1/4W
R28	1-249-429-11	CARBON	10K	5%	1/4W
R29	1-249-415-11	CARBON	680	5%	1/4W
R30	1-249-412-11	CARBON	390	5%	1/4W
R33	1-247-831-11	CARBON	1K	5%	1/4W
R35	1-249-421-11	CARBON	2.2K	5%	1/4W
R37	1-247-831-11	CARBON	1K	5%	1/4W
R38	1-249-429-11	CARBON	10K	5%	1/4W
R39	1-249-429-11	CARBON	10K	5%	1/4W
R40	1-247-831-11	CARBON	1K	5%	1/4W
R41	1-247-831-11	CARBON	1K	5%	1/4W
R42	1-249-421-11	CARBON	2.2K	5%	1/4W
R43	1-249-437-11	CARBON	47K	5%	1/4W
R44	1-249-425-11	CARBON	4.7K	5%	1/4W
R45	1-249-441-11	CARBON	100K	5%	1/4W
R46	1-247-863-11	CARBON	22K	5%	1/4W
R47	1-249-407-11	CARBON	150	5%	1/4W
R56	1-249-407-11	CARBON	150	5%	1/4W
R57	1-247-791-11	CARBON	22	5%	1/4W
R58	1-249-411-11	CARBON	330	5%	1/4W
R59	1-249-437-11	CARBON	47K	5%	1/4W
R60	1-249-413-11	CARBON	470	5%	1/4W
		< VIBRATOR >			
X1	1-760-130-11	VIBRATOR, CRYSTAL (75kHz)			
**********					
*	A-3322-264-A	TUNER BOARD, COMPLETE (US)			
		**********			
		< CAPACITOR >			
C1	1-162-306-11	CERAMIC	0.01uF	20%	16V
C3	1-162-301-11	CERAMIC	0.0015uF	30%	16V
C4	1-162-306-11	CERAMIC	0.01uF	20%	16V
C5	1-162-306-11	CERAMIC	0.01uF	20%	16V
C6	1-162-306-11	CERAMIC	0.01uF	20%	16V
C7	1-164-159-21	CERAMIC	0.1uF		50V
C10	1-124-903-11	ELECT	1uF	20%	50V
C11	1-162-306-11	CERAMIC	0.01uF	20%	16V
C12	1-126-963-11	ELECT	4.7uF	20%	50V
C13	1-162-306-11	CERAMIC	0.01uF	20%	16V
C14	1-162-843-11	CERAMIC	0.022uF	10%	16V
C15	1-162-843-11	CERAMIC	0.022uF	10%	16V

Ref. No.	Part No.	Description			Remark
C16	1-124-903-11	ELECT	1uF	20%	50V
C17	1-124-903-11	ELECT	1uF	20%	50V
C18	1-126-940-11	ELECT	330uF	20%	10V
C20	1-164-159-21	CERAMIC	0.1uF		50V
C21	1-124-902-00	ELECT	0.47uF	20%	50V
C22	1-164-159-21	CERAMIC	0.1uF		50V
C23	1-124-903-11	ELECT	1uF	20%	50V
C24	1-162-288-31	CERAMIC	330PF	10%	50V
C25	1-162-306-11	CERAMIC	0.01uF	20%	16V
C26	1-162-306-11	CERAMIC	0.01uF	20%	16V
C27	1-162-306-11	CERAMIC	0.01uF	20%	16V
C28	1-164-159-21	CERAMIC	0.1uF		50V
C30	1-162-306-11	CERAMIC	0.01uF	20%	16V
C31	1-102-514-11	CERAMIC	22PF	5%	50V
C32	1-162-294-31	CERAMIC	0.001uF	10%	50V
C33	1-162-294-31	CERAMIC	0.001uF	10%	50V
C34	1-162-294-31	CERAMIC	0.001uF	10%	50V
C35	1-164-159-21	CERAMIC	0.1uF		50V
C36	1-162-306-11	CERAMIC	0.01uF	20%	16V
C37	1-162-290-31	CERAMIC	470PF	10%	50V
C38	1-162-282-31	CERAMIC	100PF	10%	50V
C40	1-164-159-21	CERAMIC	0.1uF		50V
C41	1-102-820-00	CERAMIC	330PF	5%	50V
C42	1-162-199-31	CERAMIC	10PF	5%	50V
C43	1-162-282-31	CERAMIC	100PF	10%	50V
C44	1-162-839-11	CERAMIC	0.01uF	10%	16V
C45	1-162-306-11	CERAMIC	0.01uF	20%	16V
C46	1-124-903-11	ELECT	1uF	20%	50V
C47	1-162-294-31	CERAMIC	0.001uF	10%	50V
C60	1-102-518-11	CERAMIC	33PF	5%	50V
C61	1-162-203-31	CERAMIC	15PF	5%	50V
C65	1-162-306-11	CERAMIC	0.01uF	20%	16V
C68	1-162-294-31	CERAMIC	0.001uF	10%	50V
C69	1-162-306-11	CERAMIC	0.01uF	20%	16V
C70	1-162-294-31	CERAMIC	0.001uF	10%	50V
C71	1-162-306-11	CERAMIC	0.01uF	20%	16V
C72	1-124-907-11	ELECT	10uF	20%	50V
C75	1-136-177-00	MYLAR	1uF	5%	50V
C77	1-130-483-00	MYLAR	0.01uF	5%	50V
C80	1-162-306-11	CERAMIC	0.01uF	20%	16V
C81	1-162-306-11	CERAMIC	0.01uF	20%	16V
C83	1-124-907-11	ELECT	10uF	20%	50V
C90	1-162-286-21	CERAMIC	220PF	10%	50V
C91	1-162-294-31	CERAMIC	0.001uF	10%	50V
C92	1-162-286-21	CERAMIC	220PF	10%	50V
C93	1-162-306-11	CERAMIC	0.01uF	20%	16V
		< FILTER >			
CF2	1-760-738-61	FILTER, CERAMIC			
CF3	1-781-173-11	DISCRIMINATOR, CERAMIC			

TUNER | TUNER STOPPER

Ref. No.	Part No.	Description	Remark
		< ENCAPSULATED COMPONENT >	
CFT1	1-233-885-11	ENCAPSULATED COMPONENT	
		< FUSE HOLDER >	
CN4	1-533-233-31	HOLDER, FUSE	
		< CONNECTOR >	
CNP1	1-695-336-31	PIN, CONNECTOR (PC BOARD) 13P	
* CNP2	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P	
		< TRIMMER >	
CT1	1-141-603-21	CAP, ADJ 20PF	
CT3	1-141-601-21	CAP, ADJ 10PF	
		< DIODE >	
D1	8-719-050-72	DIODE KV1370NT	
D2	8-719-050-72	DIODE KV1370NT	
D3	8-719-050-69	DIODE KV1520NT	
D10	8-719-991-33	DIODE 1SS133T-77	
D11	8-719-991-33	DIODE 1SS133T-77	
D12	8-719-991-33	DIODE 1SS133T-77	
D15	8-719-991-33	DIODE 1SS133T-77	
		< BPF >	
FL1	1-236-711-21	FILTER, BAND PASS	
		< IC >	
IC1	8-759-549-84	IC TA2104AN	
IC2	8-759-549-77	IC BH2615S	
		< COIL >	
L1	1-409-905-31	COIL, FM RF	
L2	1-409-904-31	COIL, FM OSC	
L3	1-501-923-21	ANTENNA, FERRITE-ROD (AM)	
L4	1-411-234-21	COIL, AM OSC	
L10	1-410-521-11	INDUCTOR 100uH	
L11	1-410-521-11	INDUCTOR 100uH	
L40	1-410-509-11	INDUCTOR 10uH	
L41	1-410-324-11	INDUCTOR 4.7uH	
		< TRANSISTOR >	
Q10	8-729-036-77	TRANSISTOR KRC107M-AT	
Q11	8-729-036-77	TRANSISTOR KRC107M-AT	
Q12	8-729-036-77	TRANSISTOR KRC107M-AT	
Q13	8-729-036-77	TRANSISTOR KRC107M-AT	
Q15	8-729-036-77	TRANSISTOR KRC107M-AT	
Q16	8-729-036-77	TRANSISTOR KRC107M-AT	
Q18	8-729-037-34	TRANSISTOR KRA107M-AT	
Q19	8-729-036-77	TRANSISTOR KRC107M-AT	
Q60	8-729-012-83	FET 2SK679A-T	
Q61	8-729-106-07	FET 2SK514TP-H	
Q80	8-729-037-24	TRANSISTOR KRA111M-AT	
		< RESISTOR >	
R1	1-249-413-11	CARBON 470 5% 1/4W	
R2	1-249-410-11	CARBON 270 5% 1/4W	
R3	1-247-831-11	CARBON 1K 5% 1/4W	
R7	1-249-429-11	CARBON 10K 5% 1/4W	
R10	1-249-410-11	CARBON 270 5% 1/4W	
R11	1-247-843-11	CARBON 3.3K 5% 1/4W	
R12	1-249-429-11	CARBON 10K 5% 1/4W	
R13	1-249-421-11	CARBON 2.2K 5% 1/4W	
R14	1-249-437-11	CARBON 47K 5% 1/4W	
R16	1-249-429-11	CARBON 10K 5% 1/4W	
R17	1-249-429-11	CARBON 10K 5% 1/4W	
R18	1-247-863-11	CARBON 22K 5% 1/4W	
R19	1-247-863-11	CARBON 22K 5% 1/4W	
R30	1-249-431-11	CARBON 15K 5% 1/4W	
R31	1-247-843-11	CARBON 3.3K 5% 1/4W	
R32	1-249-441-11	CARBON 100K 5% 1/4W	
R33	1-247-887-00	CARBON 220K 5% 1/4W	
R40	1-247-887-00	CARBON 220K 5% 1/4W	
R41	1-249-429-11	CARBON 10K 5% 1/4W	
R42	1-247-831-11	CARBON 1K 5% 1/4W	
R43	1-249-425-11	CARBON 4.7K 5% 1/4W	
R60	1-247-831-11	CARBON 1K 5% 1/4W	
R61	1-249-429-11	CARBON 10K 5% 1/4W	
R62	1-249-429-11	CARBON 10K 5% 1/4W	
R63	1-247-831-11	CARBON 1K 5% 1/4W	
R64	1-249-437-11	CARBON 47K 5% 1/4W	
R65	1-247-831-11	CARBON 1K 5% 1/4W	
R66	1-247-831-11	CARBON 1K 5% 1/4W	
R71	1-249-406-11	CARBON 120 5% 1/4W	
R73	1-249-421-11	CARBON 2.2K 5% 1/4W	
R74	1-249-425-11	CARBON 4.7K 5% 1/4W	
R75	1-249-421-11	CARBON 2.2K 5% 1/4W	
R76	1-249-429-11	CARBON 10K 5% 1/4W	
R80	1-249-441-11	CARBON 100K 5% 1/4W	
R91	1-249-393-11	CARBON 10 5% 1/4W	
		< VIBRATOR >	
X1	1-760-130-11	VIBRATOR, CRYSTAL (75kHz)	
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*	1-668-025-11	TUNER STOPPER BOARD	
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